



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 108750

TO: Elizabeth Kemmerer
Location: cm1/10b17/10d19
Art Unit: 1646
Monday, November 24, 2003
Case Serial Number: 08/741095

From: Paul Schulwitz
Location: Biotech-Chem Library
CM1-6B06
Phone: 305-1954

paul.schulwitz@uspto.gov

Search Notes

Examiner Kemmerer,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz
Technical Information Specialist
STIC Biotech/Chem Library
(703)305-1954

THIS PAGE BLANK (USPTO)

THIS PAGE BLANK (USPTO)

From: Chan, Christina
Sent: Thursday, November 20, 2003 10:21 AM
To: Kemmerer, Elizabeth; STIC-Biotech/ChemLib
Subject: RE: rush interference search request

Please rush. Thanks Chris

Chris Chan

TC 1600 New Hire Training Coordinator and SPE 1644
308-3973
CM-1, 9B19

-----Original Message-----

From: Kemmerer, Elizabeth
Sent: Thursday, November 20, 2003 9:36 AM
To: Chan, Christina
Subject: rush interference search request

Hi Christina-

Please approve the following rush request for an interference I'm trying to send to the judge by the end of the bi-week. Thanks,

STIC:

Please rush an interference search of SEQ ID NO: 25 for 08/741095.

Elizabeth (Betsy) Kemmerer
Art Unit 1646
308-2673
CM1-10B17
Mailbox: 10D19

RECEIVED
NOV 20 2003
STIC

Searcher: _____
Phone: _____
Location: _____
Date Picked Up: 11/21
Date Completed: 11/24
Searcher Prep/Review: _____
Clerical: _____
Online time: _____

TYPE OF SEARCH:
NA Sequences: _____
AA Sequences: _____
Structures: _____
Bibliographic: _____
Litigation: _____
Full text: _____
Patent Family: _____
Other: _____

VENDOR/COST (where applic.)
STN: _____
DIALOG: _____
Questel/Orbit: _____
DRLink: _____
Lexis/Nexis: _____
Sequence Sys.: _____
WWW/Internet: _____
Other (specify): _____

THIS PAGE BLANK (USPTO)

QY 421 GCCGCCCTTACGCCAAGCTCCAGCCCGGGCCAGAGGGTGCAGAGGGAGGACCGAGAGTC 480
Db 706 GCCCGCTTACGCCAAGCTCCAGCCCGGGCCAGAGGGTGCAGAGGGAGGACCGAGAGTC 765
QY 481 AGGACACCCCTGTGTGACAGAGCTGCCCCGGGGAGACCTTCTCTCCCAATGGAGCCCTGAGG 540
Db 766 AGGACACCCCTGTGTGACAGAGCTGCCCCGGGGAGACCTTCTCTCCCAATGGAGCCCTGAGG 825
QY 541 AATGTGACACACAGACCAAGTGCAGCTGGTGTGACGAAAGCCGGAAGCTGGAGCCAGCA 600
Db 826 AATGTGACACACAGACCAAGTGCAGCTGGTGTGACGAAAGCCGGAAGCTGGAGCCAGCA 885
QY 601 GCTTCCCACTGGGTATGGTGTGTTCTCTCAGGGAGCTTCGTCATGTGATTTGTGCTCCA 660
Db 886 GCTTCCCACTGGGTATGGTGTGTTCTCTCAGGGAGCTTCGTCATGTGATTTGTGCTCCA 945
QY 661 CAGTTGACCTAATCATATGTGTGAAAGAAAGCAAGGGGTGATGTGATCAAGGTGA 720
Db 946 CAGTTGACCTAATCATATGTGTGAAAGAAAGCAAGGGGTGATGTGATCAAGGTGA 1005
QY 721 TCGTCTCCGTCACAGCGGAAAGACAGAGGCGAAGGTGAGGCCACAGTCATTGAGGCC 780
Db 1006 TCGTCTCCGTCACAGCGGAAAGACAGAGGCGAAGGTGAGGCCACAGTCATTGAGGCC 1065
QY 781 TGCAGGCCCCCTCCGAGAGCTCACACGCGTGGCCGTGAGAGAGACAATACCTCATTTACGG 840
Db 1066 TGCAGGCCCCCTCCGAGAGCTCACACGCGTGGCCGTGAGAGAGACAATACCTCATTTACGG 1125
QY 841 GGAGAGCCCAACCACTGACCCACAGACTCTGACACCCGA 881
Db 1126 GGAGAGCCCAACCACTGACCCACAGACTCTGACACCCGA 1166

RESULT 2

US-09-333-279-1
; Sequence 1, Application US/09333279
; Patent No. 6303336
; GENERAL INFORMATION:
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: MONTGOMERY, Rebecca I.
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
; FILE REFERENCE: 0290-1
; CURRENT APPLICATION NUMBER: US/09/333,279
; CURRENT FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1724
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-333-279-1

Query Match 99.8%; Score 879.4; DB 4; Length 1724;
Best Local Similarity 99.9%; Pred. No. 4,1e-235;
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CCTGAGCATGAGACCTCTCTGAGAGCTGGGGGCTCTCTCTCTGAGATCCACCCCGAGAA 60
Db 286 CCTGAGCATGAGACCTCTCTGAGAGCTGGGGGCTCTCTCTCTGAGATCCACCCCGAGAA 345
QY 61 CCGACGCTTGAGGCTGGTGTGCTGATCTCACTTCCTGGGAGCCCGCTGACGCGCCAG 120
Db 346 CCGACGCTTGAGGCTGGTGTGCTGATCTCACTTCCTGGGAGCCCGCTGACGCGCCAG 405
QY 121 CTCTGCGCTCCTGCAAGAGAGACGAGTACCAAGTGGCTCCAGTGTGCTGCCCAAGTGA 180
Db 406 CTCTGCGCTCCTGCAAGAGAGACGAGTACCAAGTGGCTCCAGTGTGCTGCCCAAGTGA 465
QY 181 GTCCAGGTTATCGTGTGAAGAGGCTTCGGGGAGCTGACGGGACAGTGTGTGAACCT 240
Db 466 GTCCAGGTTATCGTGTGAAGAGGCTTCGGGGAGCTGACGGGACAGTGTGTGAACCT 525

QY 241 GCCCTCAGGACCTTACCTATTTGCCACCTCAATGGCCCTAGCAAGTGTGAGTGCCAAA 300
Db 526 GCCCTCAGGACCTTACCTATTTGCCACCTCAATGGCCCTAGCAAGTGTGAGTGCCAAA 585
QY 301 TGTGTGACCCAGCCATGGGCTGTGCGCGGACCGGAACTGTCTCAGAGACAGAAACGCCG 360
Db 586 TGTGTGACCCAGCCATGGGCTGTGCGCGGACCGGAACTGTCTCAGAGACAGAAACGCCG 645
QY 361 TGTGTGTTGACGCCCAAGGCACTTGTGATGTGTCCAGAGCGGGGACCACTGCGCCCGT 420
Db 646 TGTGTGTTGACGCCCAAGGCACTTGTGATGTGTCCAGAGCGGGGACCACTGCGCCCGT 705
QY 421 GCCGCGCTTACGCACTCCAGCCGGGGCAGAGGGTGTGAGAGGGAGCAACCGAGAGTC 480
Db 706 GCCGCGCTTACGCACTCCAGCCGGGGCAGAGGGTGTGAGAGGGAGCAACCGAGAGTC 765
QY 481 AGGACACCCCTGTGTGAGAACTGCCCCCGGGAGCTTCTCTCCCAATGGGACCTCTGAGG 540
Db 766 AGGACACCCCTGTGTGAGAACTGCCCCCGGGAGCTTCTCTCCCAATGGGACCTCTGAGG 825
QY 541 AATGTGACACACAGACCAAGTGCAGCTGGTGTGACGAAAGCCGGAAGCTGGAGCCAGCA 600
Db 826 AATGTGACACACAGACCAAGTGCAGCTGGTGTGACGAAAGCCGGAAGCTGGAGCCAGCA 885
QY 601 GCTCCCACTGGGTATGGTGTGTTCTCTCAGGGAGCTTCGTCATGTGATTTGTGCTCCA 660
Db 886 GCTCCCACTGGGTATGGTGTGTTCTCTCAGGGAGCTTCGTCATGTGATTTGTGCTCCA 945
QY 661 CAGTTGACCTAATCATATGTGTGAAAGAAAGCAAGGGGTGATGTGATCAAGGTGA 720
Db 946 CAGTTGACCTAATCATATGTGTGAAAGAAAGCAAGGGGTGATGTGATCAAGGTGA 1005
QY 721 TCGTCTCCGTCACAGCGGAAAGACAGAGGCGAAGGTGAGGCCACAGTCATTGAGGCC 780
Db 1006 TCGTCTCCGTCACAGCGGAAAGACAGAGGCGAAGGTGAGGCCACAGTCATTGAGGCC 1065
QY 781 TGCAGGCCCCCTCCGAGAGCTCACACGCGTGGCCGTGAGAGAGACAATACCTCATTTACGG 840
Db 1066 TGCAGGCCCCCTCCGAGAGCTCACACGCGTGGCCGTGAGAGAGACAATACCTCATTTACGG 1125
QY 841 GGAGAGCCCAACCACTGACCCACAGACTCTGACACCCGA 881
Db 1126 GGAGAGCCCAACCACTGACCCACAGACTCTGACACCCGA 1166

RESULT 3

US-09-631-780-1
; Sequence 1, Application US/09631780
; Patent No. 6573058
; GENERAL INFORMATION:
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: MONTGOMERY, Rebecca I.
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
; FILE REFERENCE: 0290-1
; CURRENT APPLICATION NUMBER: US/09/631,780
; CURRENT FILING DATE: 1995-07-25
; PRIOR APPLICATION NUMBER: US/08/509,024B
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1724
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-631-780-1

Query Match 99.8%; Score 879.4; DB 4; Length 1724;
Best Local Similarity 99.9%; Pred. No. 4,1e-235;
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CCTGAGCATGAGACCTCTCTGAGAGCTGGGGGCTCTCTCTCTGAGATCCACCCCGAGAA 60
Db 286 CCTGAGCATGAGACCTCTCTGAGAGCTGGGGGCTCTCTCTCTGAGATCCACCCCGAGAA 345

```

QY 61 CCGAGCTTTGAGGCTGCTGCTGATCTCACTTCTGGAGCCCCCTGTACGCCCCAG 120
DB 346 CCGAGCTTTGAGGCTGCTGCTGATCTCACTTCTGGAGCCCCCTGTACGCCCCAG 405
QY 121 CTCTGCGCTCTCGAAGAGAGAGATGCCAGTGGGCTTCGAGTGTCTCCCAAGTGA 180
DB 406 CTCTGCGCTCTCGAAGAGAGAGATGCCAGTGGGCTTCGAGTGTCTCCCAAGTGA 465
QY 181 GTCCAGGTTATGCTGGAAGAGAGGCTGCGGGAGCTGAGGGGCAAGTGTGAACCTT 240
DB 466 GTCCAGGTTATGCTGGAAGAGAGGCTGCGGGAGCTGAGGGGCAAGTGTGAACCTT 525
QY 241 GCCCTTCAGGCACTTACATTTGCCACCTCAATGAGCTTAAAGCAAGTGTCTGAGTCCAA 300
DB 526 GCCCTTCAGGCACTTACATTTGCCACCTCAATGAGCTTAAAGCAAGTGTCTGAGTCCAA 585
QY 301 TGTGTACCCAGCCATGAGGCTGCTGCGGAGCGGAACTGCTCCAGAGACAGAACGCGG 360
DB 586 TGTGTACCCAGCCATGAGGCTGCTGCGGAGCGGAACTGCTCCAGAGACAGAACGCGG 645
QY 361 TGTGTGTGACCCAGCCATGAGGCTTGTGATGCTTCCAGAGACAGAACGCGGCT 420
DB 646 TGTGTGTGACCCAGCCATGAGGCTTGTGATGCTTCCAGAGACAGAACGCGGCT 705
QY 421 GCCGCGCTTACGCGCACTTCAGCGCGGAGGAGGAGTGAGAGAGGAGCCAGAGATC 480
DB 706 GCCGCGCTTACGCGCACTTCAGCGCGGAGGAGGAGTGAGAGAGGAGCCAGAGATC 765
QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGGGAGCTTCTCTCCAAATGGAGCCCTGGAG 540
DB 766 AGGACACCTGTGTGAGAACTGCCCCCGGGGAGCTTCTCTCCAAATGGAGCCCTGGAG 825
QY 541 AATGTAGACACGAGACCAAGTGAAGTGTGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAG 600
DB 826 AATGTAGACACGAGACCAAGTGAAGTGTGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAG 885
QY 601 GCTCCCACTGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 660
DB 886 GCTCCCACTGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 945
QY 886 GCTCCCACTGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 945
DB 946 CAGTTGGCTTAATCATATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1005
QY 721 TGTGTCTCTCTCGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780
DB 1006 TGTGTCTCTCTCGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1065
QY 781 TCGAGGCGCTTCGAGAGCTCAACAGAGTGGCGGTGAGAGAGACATATACCTCATTCAGG 840
DB 1066 TCGAGGCGCTTCGAGAGCTCAACAGAGTGGCGGTGAGAGAGACATATACCTCATTCAGG 1125
QY 841 GGAGAGAGCCCAACCATGAGCCAGACAGCTTGCACCCCGA 881
DB 1126 GGAGAGAGCCCAACCATGAGCCAGACAGCTTGCACCCCGA 1166

```

```

RESULT 4
PCT-US96-12374-1
; Sequence 1, Application PC/TUS9612374
; GENERAL INFORMATION:
; APPLICANT: Northwestern University
; TITLE OF INVENTION: Herpes Virus Entry Mediator
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Dressler, Goldsmith, Milnamow & Katz, Ltd.
; STREET: 180 N. Steetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: U.S.A.
; .ZIP: 60601
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/12374
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Northrup, Thomas E.
; REGISTRATION NUMBER: 33,268
; REFERENCE/DOCKET NUMBER: NOR3446P020PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 616-5400
; TELEFAX: (312) 616-5460
; TELEX: --
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1724 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 294..1145
; NAME/KEY: mat_peptide
; LOCATION: 294..1142
; PCT-US96-12374-1

```

Query Match 99.1%; Score 873; DB 5; Length 1724;

Best Local Similarity 99.4%; Pred. No. 2,5e-233;

Matches 876; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

```

QY 1 CCTGAGGACATGAGAGCTCTCTGAGAGCTGAGGAGCTCTCTCTGAGAGATCAACCCAGAA 60
DB 286 CCGAGCTTTGAGGCTGCTGCTGATCTCACTTCTGGAGCCCCCTGTACGCCCCAG 345
QY 61 CCGAGCTTTGAGGCTGCTGCTGATCTCACTTCTGGAGCCCCCTGTACGCCCCAG 120
DB 346 CCGAGCTTTGAGGCTGCTGCTGATCTCACTTCTGGAGCCCCCTGTACGCCCCAG 405
QY 121 CTCTGCGCTCTCGAAGAGAGAGATGCCAGTGGGCTTCGAGTGTCTCCCAAGTGA 180
DB 406 CTCTGCGCTCTCGAAGAGAGAGATGCCAGTGGGCTTCGAGTGTCTCCCAAGTGA 465
QY 181 GTCCAGGTTATGCTGGAAGAGAGGCTGCGGGAGCTGAGGGGCAAGTGTGAACCTT 240
DB 466 GTCCAGGTTATGCTGGAAGAGAGGCTGCGGGAGCTGAGGGGCAAGTGTGAACCTT 525
QY 241 GCCCTTCAGGCACTTACATTTGCCACCTCAATGAGCTTAAAGCAAGTGTCTGAGTCCAA 300
DB 526 GCCCTTCAGGCACTTACATTTGCCACCTCAATGAGCTTAAAGCAAGTGTCTGAGTCCAA 585
QY 301 TGTGTACCCAGCCATGAGGCTGCTGCGGAGCGGAACTGCTCCAGAGACAGAACGCGG 360
DB 586 TGTGTACCCAGCCATGAGGCTGCTGCGGAGCGGAACTGCTCCAGAGACAGAACGCGG 645
QY 361 TGTGTGTGACCCAGCCATGAGGCTTGTGATGCTTCCAGAGACAGAACGCGGCT 420
DB 646 TGTGTGTGACCCAGCCATGAGGCTTGTGATGCTTCCAGAGACAGAACGCGGCT 705
QY 421 GCCGCGCTTACGCGCACTTCAGCGCGGAGGAGGAGTGAGAGAGGAGCCAGAGATC 480
DB 706 GCCGCGCTTACGCGCACTTCAGCGCGGAGGAGGAGTGAGAGAGGAGCCAGAGATC 765
QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGGGAGCTTCTCTCCAAATGGAGCCCTGGAG 540
DB 766 AGGACACCTGTGTGAGAACTGCCCCCGGGGAGCTTCTCTCCAAATGGAGCCCTGGAG 825
QY 541 AATGTAGACACGAGACCAAGTGAAGTGTGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAG 600

```

Db	826	AATTCAGCAGCAGACCCAGATGCGAGCTGCTGTGAAGAAAGCCGAGCTGGGACACAGA	885
Qy	601	GCTCCCACTGGGATATGATGCTTTCTCTCAGGAGACCTCGTCAATGTCATTTGTTGCTCCA	660
Db	886	GCTCCCACTGGGATGATGCTTTCTCTCAGGAGACCTCGTCAATGTCATTTGTTGCTCCA	945
Qy	661	CAGTTGGCCCTAATCATATATGTGTGAAGAAAGAAAGCCAGAGGGGTGATATGATCAAGGTGA	720
Db	946	CAGTTGGCCCTAATCATATATGTGTGAAGAAAGAAAGCCAGAGGGGTGATATGATCAAGGTGA	1005
Qy	721	TCTGTCCTCGTCCAGCGGAAAAAGACAGAGGCGAGAGGTGAGGCCACAGTCATTGAGGCC	780
Db	1006	TCTGTCCTCGTCCAGCGGAAAAAGACAGAGGCGAGAGGTGAGGCCACAGTCATTGAGGCC	1065
Qy	781	TGCAGGCCCTCTCCGGAAGTCAACACAGGTGGCCGTGGAGAGAAATATCCTCATTTACGG	840
Db	1066	TGCAGGCCCTCTCCGGAAGTCAACACAGGTGGCCGTGGAGAGAAATATCCTCATTTACGG	1125
Qy	841	GGAGAGGCCAAACCATCAAGCCCAAGATCTGTGACCCCGA	881
Db	1126	GGAGAGGCCAAACCATCAAGCCCAAGATCTGTGACCCCGA	1166

```

RESULT 5
US-09-146-950-1
: Sequence 1, Application US/09146950A
: Patent No. 6287808
: GENERAL INFORMATION:
: APPLICANT: Bushfield, Samantha J.
: TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
: TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
: FILE REFERENCE: 09404/057001
: CURRENT APPLICATION NUMBER: US/09/146,950A
: CURRENT FILING DATE: 1998-09-03
: NUMBER OF SEQ ID NOS: 25
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 1
: LENGTH: 1929
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (297)...(875)
US-09-146-950-1

```

Query Match	78.2%	Score 688.8	DB 3	Length 1929
Best Local Similarity	82.9%	Pred. No. 4.4e-182		
Matches	879	Conservative	0	Mismatches 2
			Indels 179	Gaps 1
QY	1	CCTGAGCATGAGAGCCTCTGAGACTGGGGCTCTCTCCCTGAGATCCACCCCAAGA	60	
Db	289	CCTGAGCATGAGAGCCTCTGAGACTGGGGCTCTCTCCCTGAGATCCACCCCAAGA	348	
QY	61	CCGACGCTTTGAGCGCTGGTCTGTATCTCACCCTTCTGAGAGCCCCCTGCTACGCCACG	120	
Db	349	CCGAGCTTTGAGCGCTGGTCTGTATCTCACCCTTCTGAGAGCCCCCTGCTACGCCACG	408	
QY	121	CTGCGCCGCTCGCAAGAGAGCGAGTACCCAGATGGGCTCGAGTGGCTGCCCCAAAGTCA	180	
Db	409	CTGTCCCGCTCGCAAGAGAGCGAGTACCCAGTGGGCTCGAGTGGCTGCCCCAAAGTCA	468	
QY	181	GTCACGTTATGTTGTGAAGAGAGCGCTGGCGGAGACTGACGGGCAACAGTGTGTAAACCT	240	
Db	469	GTCACGTTATGTTGTGAAGAGAGCGCTGGCGGAGACTGACGGGCAACAGTGTGTAAACCT	528	
QY	241	GCCCTCCAGGACCTACATTGGCCCACTTCATGGGCTTAAGCAAGTGTCTGACAGTCCAAA	300	
Db	529	GCCCTCCAGGACCTACATTGGCCCACTTCATGGGCTTAAGCAAGTGTCTGACAGTCCAAA	588	
QY	301	TGTGTGACCCACACCATGGGCGCTGGCGCGGAGGCCGGAATGCTGCCAGACAGAGAAACGCG	360	
Db	589	TGTGTGACCCACACCATGGGCGCTGGCGCGGAGGCCGGAATGCTGCCAGACAGAGAAACGCG	648	

Oy	361	TGTGTGGTGGAGGCCAGGGCCACTTCTGCAATCGTCCAGACGGGGACCACTGGCCCGCT	420
Db	649	TGTGTGGCTGACGCCACAGGCCACTTCTGCAATCGTCCAGACGGGGACCACTGGCCCGCT	708
Oy	421	GCCGCGCTTACGCCACTTCCAGCCCGGGCCAGAGGGTGCAGAGGGAGGCCACGAGATC	480
Db	709	GCCCCGCTTACGCCACTTCCAGCCCGGGCCAGAGGGTGCAGAGGGAGGCCACCGAGATC	768
Oy	481	AGGACACCCGATGTGCAGAACTGGCCCCCGGGGAACTTCTCTCCCAATGGGACCTTGAAG	540
Db	769	AGGACACCCGATGTGCAGAACTGGCCCCCGGGGAACTTCTCTCCCAATGGGACCTTGAAG	828
Oy	541	AATGTGACGACACGAGCCAA-----	559
Db	829	AATGTGACGACACGAGCCAA-----	888
Oy	560	-----	559
Db	889	TGGAGCTGGCCACGAGCCGAGCTTCCCTGGGACCTGTCTTCACTGCTGGGGCCTGGAG	948
Oy	560	-----	559
Db	949	CCAGGAGAGGTCCTCGTAGGGCTGAGTGAACACTGGGGCGCTGCACCTGCCTTCCACAGTCC	1008
Oy	560	-----GTGACGCTGGCTGGTGTACGAGAGGCCGAGCTGGGACCAAGAC	601
Db	1009	TCGGCCCCCACTCCCGCAGGTGCACACTGCTGGTGTACCAAGGCCGAGCTGGGACCAAGAC	1068
Oy	602	CTCCCACTGGGATGATGGTTTCTCTCAGGGAGCCTGTCATCGTCAATTGTTTCTCTCAC	661
Db	1069	CTCCCACTGGGATGATGGTTTCTCTCAGGGAGCCTGTCATCGTCAATTGTTTCTCTCAC	1128
Oy	662	AGTTGGCTTAATCATATGTGTGAAGAGAAAGCCAAAGGGTATGTAGTCAAGGTGAT	721
Db	1129	AGTTGGCTTAATCATATGTGTGAAGAGAAAGCCAAAGGGTATGTAGTCAAGGTGAT	1188
Oy	722	CGTTCGCTCCAGGGGAAAAAGACAGAGAGGCGAAAGTGAAGGCCACAGTCAATTGAGGCCCT	781
Db	1189	CGTTCGCTCCAGGGGAAAAAGACAGAGAGGCGAAAGTGAAGGCCACAGTCAATTGAGGCCCT	1248
Oy	782	GCAGGCCCCCTCCGAGCGTCAACGAGTGGCCGCTGGAGAGACAATATCCTTCAATTCACGGG	841
Db	1249	GCAGGCCCCCTCCGAGCGTCAACGAGTGGCCGCTGGAGAGACAATATCCTTCAATTCACGGG	1308
Oy	842	GAGGAGCCCAAAACCACTGACCCACAGACTCTGCACCCCGA	881
Db	1309	GAGGAGCCCAAAACCACTGACCCACAGACTCTGCACCCCGA	1348

```

RESULT 6
US-09-146-950-17
; Sequence 17, Application US/09146950A
; Patent No. 6287808
; GENERAL INFORMATION:
; APPLICANT: Busfield, Samantha J.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
; FILE REFERENCE: 09404/057001
; CURRENT APPLICATION NUMBER: US/09/146,950A
; CURRENT FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 1596
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-950-17

```

Query Match	75.2%;	Score 671.4;	DB 3;	Length 1596;
Best Local Similarity	84.9%;	Pred. No. 2.9e-177;		
Matches 780; Conservative	0;	Mismatches 10;	Indels 38;	Gaps 1;

```
QY      1 CTTAGGATGAGGCTCTGTGAGAGCTGGGGGCTCTCTCCCTGAGATCCACCCCGAA 60
      99 CTTAGGATGAGGCTCTGTGAGAGCTGGGGGCTCTCTCCCTGAGATCCACCCCGAA 158
QY      61 CCGACGCTTTGAGGCTGTGTCTGTATCTCACTTTCTGGGAGCCCCCTGTGACGCCCG 120
      159 CCGACGCTTTGAGGCTGTGTCTGTATCTCACTTTCTGGGAGCCCCCTGTGACGCCCG 218
QY      121 CTGTGCGCTCTGCAAGGAGAGAGAGATCCAGTGGGCTCCGAGTCTGTGCCCAATGCA 180
      219 CTGTGCGCTCTGCAAGGAGAGAGATCCAGTGGGCTCCGAGTCTGTGCCCAATGCA 278
QY      181 GTCCAGATTATCGTGTGAAGAGAGCTGCGGGAGCTGACGGGACAGTGTGAACCTT 240
      279 GTCCAGATTATCGTGTGAAGAGAGCTGCGGGAGCTGACGGGACAGTGTGAACCTT 338
QY      241 GCCCTCCAGGACCTTACATTGCTCCACTCAATGAGCTTACAGAGTGTCTGACGCTCA 300
      339 GCCCTCCAGGACCTTACATTGCTCCACTCAATGAGCTTACAGAGTGTCTGACGCTCA 398
QY      301 TGTGTACCCAGGCTGAGGCTGCGGGGAGCGGAGCTGCTCAAGAGAGAGAGCGCG 360
      399 TGTGTACCCAGGCTGAGGCTGCGGGGAGCGGAGCTGCTCAAGAGAGAGAGCGCG 458
QY      361 TGTGTGTTGCAAGCCGAGGCACTTGTGATCGTCCAGAGACGGGACCACTGCGCGCT 420
      459 TGTGTGTTGCAAGCCGAGGCACTTGTGATCGTCCAGAGACGGGACCACTGCGCGCT 518
QY      421 GCCGCGCTTACGCACTCTCCAGCGCGGAGAGAGGTTGAGAGAGAGAGAGAGAGAG 480
      519 GCCGCGCTTACGCACTCTCCAGCGCGGAGAGAGGTTGAGAGAGAGAGAGAGAGAG 578
QY      481 AGGACACCCGTTGTGAGAACTGCCCCCGGGGAGCTTCTCTCCCAATGAGAGCTTGAAG 540
      579 AGGACACCCGTTGTGAGAACTGCCCCCGGGGAGCTTCTCTCCCAATGAGAGCTTGAAG 638
QY      541 AATGTGACGACCAAGCAAGTGTG----- 562
      639 AATGTGACGACCAAGCAAGTGTG----- 698
QY      639 AATGTGACGACCAAGCAAGTGTG----- 698
      699 AATGTGACGACCAAGCAAGTGTG----- 758
QY      699 AATGTGACGACCAAGCAAGTGTG----- 758
      699 AATGTGACGACCAAGCAAGTGTG----- 758
QY      623 TGTGTGAGGAGGCTGTGATGCTATGTTGCTTCCAGATGCTGCTATCATATGTGT 682
      759 AATGTGACGACCAAGCAAGTGTG----- 818
QY      683 GAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 742
      819 GAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 878
QY      819 GAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 878
      819 GAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 878
QY      743 AAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 802
      879 AAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 938
QY      803 AAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 862
      939 AAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 998
QY      863 CACAGACTGTGACCCCGA 881
      999 CACAGACTGTGACCCCGA 1017
Db
```

```
RESULT 7
US-08-509-024-6
; Sequence 6, Application US/08509024B
; Patent No. 6291207
; GENERAL INFORMATION:
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: MONTGOMERY, Rebecca I.
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
```

```
; FILE REFERENCE: 0290-1
; CURRENT APPLICATION NUMBER: US/08/509,024B
; CURRENT FILING DATE: 1995-07-25
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 4622
; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-509-024-6
```

```
Query Match          64.0%; Score 563.4; DB 3; Length 4622;
Best Local Similarity 99.8%; Pred. No. 4,7e-147;
Matches 564; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1 CTTAGGATGAGGCTCTGTGAGAGCTGGGGGCTCTCTCCCTGAGATCCACCCCGAA 60
      56 CTTAGGATGAGGCTCTGTGAGAGCTGGGGGCTCTCTCCCTGAGATCCACCCCGAA 115
QY      61 CCGAGGCTTTGAGGCTGTGTCTGTATCTCACTTTCTGGGAGCCCCCTGTGACGCCCG 120
      116 CCGAGGCTTTGAGGCTGTGTCTGTATCTCACTTTCTGGGAGCCCCCTGTGACGCCCG 175
QY      121 CTGTGCGCTCTGCAAGGAGAGAGATCCAGTGGGCTCCGAGTCTGTGCCCAATGCA 180
      176 CTGTGCGCTCTGCAAGGAGAGAGATCCAGTGGGCTCCGAGTCTGTGCCCAATGCA 235
QY      181 GTCCAGATTATCGTGTGAAGAGAGCTGCGGGAGCTGACGGGACAGTGTGTGAACCTT 240
      236 GTCCAGATTATCGTGTGAAGAGAGCTGCGGGAGCTGACGGGACAGTGTGTGAACCTT 295
QY      241 GCCCTCCAGGACCTTACATTGCTCCACTCAATGAGCTTACAGAGTGTCTGACGCTCA 300
      296 GCCCTCCAGGACCTTACATTGCTCCACTCAATGAGCTTACAGAGTGTCTGACGCTCA 355
QY      301 TGTGTGACCCAGGACCTTACATTGCTCCACTCAATGAGCTTACAGAGTGTCTGACGCTCA 360
      356 TGTGTGACCCAGGACCTTACATTGCTCCACTCAATGAGCTTACAGAGTGTCTGACGCTCA 415
QY      361 TGTGTGTTGCAAGCCGAGGCACTTGTGATCGTCCAGAGACGGGACCACTGCGCGCT 420
      416 TGTGTGTTGCAAGCCGAGGCACTTGTGATCGTCCAGAGACGGGACCACTGCGCGCT 475
QY      421 GCCGCGCTTACGCACTCTCCAGCGCGGAGAGAGGTTGAGAGAGAGAGAGAGAGAG 480
      476 GCCGCGCTTACGCACTCTCCAGCGCGGAGAGAGGTTGAGAGAGAGAGAGAGAGAG 535
QY      481 AGGACACCCGTTGTGAGAACTGCCCCCGGGGAGCTTCTCTCCCAATGAGAGCTTGAAG 540
      536 AGGACACCCGTTGTGAGAACTGCCCCCGGGGAGCTTCTCTCCCAATGAGAGCTTGAAG 595
QY      541 AATGTGACGACCAAGCAAGTGTG----- 565
      596 AATGTGACGACCAAGCAAGTGTG----- 620
Db
```

```
RESULT 8
US-09-333-279-6
; Sequence 6, Application US/09333279
; Patent No. 6303316
; GENERAL INFORMATION:
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: MONTGOMERY, Rebecca I.
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
; FILE REFERENCE: 0290-1
; CURRENT APPLICATION NUMBER: US/09/333,279
; CURRENT FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 4622
; TYPE: DNA
; ORGANISM: Homo sapiens
```

US-09-333-279-6

Query Match 64.0%; Score 563.4; DB 4; Length 4622;
Best Local Similarity 99.8%; Pred. No. 4,7e-147;
Matches 564; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CCTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 60
DB CCTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 115
QY 61 CCGACGCTTGAAGGCTGAGTGTATCTCACTCTCTGAGAGCCCTCTCTCTGAGATCCACCCCGAGAA 120
DB CCTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 115
QY 116 CCGACGCTTGAAGGCTGAGTGTATCTCACTCTCTGAGAGCCCTCTCTCTGAGATCCACCCCGAGAA 175
DB CCTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 235
QY 121 CTCTGCGCTCTGAGAGAGAGAGTACCCAGTGGGCTCTGAGTGTCTGAGAGAGAGTGA 180
DB CTCTGCGCTCTGAGAGAGAGAGTACCCAGTGGGCTCTGAGTGTCTGAGAGAGAGTGA 235
QY 176 CTCTGCGCTCTGAGAGAGAGAGTACCCAGTGGGCTCTGAGTGTCTGAGAGAGAGTGA 235
DB CTCTGCGCTCTGAGAGAGAGAGTACCCAGTGGGCTCTGAGTGTCTGAGAGAGAGTGA 235
QY 181 GTCCAGGTTATGCTGTAAGAGAGGCTGCGGAGAGTGAAGGAGACAGTGTGAACCTT 240
DB GTCCAGGTTATGCTGTAAGAGAGGCTGCGGAGAGTGAAGGAGACAGTGTGAACCTT 295
QY 236 GTCCAGGTTATGCTGTAAGAGAGGCTGCGGAGAGTGAAGGAGACAGTGTGAACCTT 295
DB GTCCAGGTTATGCTGTAAGAGAGGCTGCGGAGAGTGAAGGAGACAGTGTGAACCTT 295
QY 241 GCCCTCCAGGACCTTACATTTGACCTCAATGAGCTTAAGCAATGCTGAGAGAGAGTGA 300
DB GCCCTCCAGGACCTTACATTTGACCTCAATGAGCTTAAGCAATGCTGAGAGAGAGTGA 355
QY 296 GCCCTCCAGGACCTTACATTTGACCTCAATGAGCTTAAGCAATGCTGAGAGAGAGTGA 355
DB GCCCTCCAGGACCTTACATTTGACCTCAATGAGCTTAAGCAATGCTGAGAGAGAGTGA 415
QY 301 TGTGTGACCCAGGACCTTCTGCGGCGAGAGCCGGAATGCTCTCCAGAGACAGAGAACGCG 360
DB TGTGTGACCCAGGACCTTCTGCGGCGAGAGCCGGAATGCTCTCCAGAGACAGAGAACGCG 415
QY 356 TGTGTGACCCAGGACCTTCTGCGGCGAGAGCCGGAATGCTCTCCAGAGACAGAGAACGCG 415
DB TGTGTGACCCAGGACCTTCTGCGGCGAGAGCCGGAATGCTCTCCAGAGACAGAGAACGCG 415
QY 361 TGTGTGCTGAGAGAGAGAGAGAGTGTGCAATGCTGCAAGAGAGAGAGAGAGTGTGAGG 420
DB TGTGTGCTGAGAGAGAGAGAGAGTGTGCAATGCTGCAAGAGAGAGAGAGAGTGTGAGG 475
QY 416 TGTGTGCTGAGAGAGAGAGAGAGTGTGCAATGCTGCAAGAGAGAGAGAGAGTGTGAGG 475
DB TGTGTGCTGAGAGAGAGAGAGAGTGTGCAATGCTGCAAGAGAGAGAGAGAGTGTGAGG 475
QY 421 GCCGCGCTTACGCGACCTTCCAGAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 480
DB GCCGCGCTTACGCGACCTTCCAGAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 535
QY 476 GCCGCGCTTACGCGACCTTCCAGAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 535
DB GCCGCGCTTACGCGACCTTCCAGAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 595
QY 481 AGGACACCTTGTGTGCAAGAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 540
DB AGGACACCTTGTGTGCAAGAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 595
QY 536 AGGACACCTTGTGTGCAAGAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 595
DB AGGACACCTTGTGTGCAAGAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 595
QY 541 AATGTGACGACCAAGCAAGTGCAG 565
DB AATGTGACGACCAAGCAAGTGCAG 620

RESULT 9

US-09-631-780-6
; Sequence 6, Application US/09631780
; Patent No. 6573058
; GENERAL INFORMATION:
; APPLICANT: SPEAR, Patricia G.
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
; FILE REFERENCE: 0290-1
; CURRENT APPLICATION NUMBER: US/09/631,780
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: US/08/509,024B
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 6
; LENGTH: 4622
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-631-780-6

Query Match 64.0%; Score 563.4; DB 4; Length 4622;
Best Local Similarity 99.8%; Pred. No. 4,7e-147;
Matches 564; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 CCTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 60

DB CCTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 115

QY 61 CCGACGCTTGAAGGCTGAGTGTATCTCACTCTCTGAGAGCCCTCTCTCTGAGATCCACCCCGAGAA 120
DB CCTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 175
QY 121 CTCTGCGCTCTGAGAGAGAGAGTACCCAGTGGGCTCTGAGTGTCTGAGAGAGAGTGA 180
DB CTCTGCGCTCTGAGAGAGAGAGTACCCAGTGGGCTCTGAGTGTCTGAGAGAGAGTGA 235
QY 176 CTCTGCGCTCTGAGAGAGAGAGTACCCAGTGGGCTCTGAGTGTCTGAGAGAGAGTGA 235
DB CTCTGCGCTCTGAGAGAGAGAGTACCCAGTGGGCTCTGAGTGTCTGAGAGAGAGTGA 235
QY 181 GTCCAGGTTATGCTGTAAGAGAGGCTGCGGAGAGTGAAGGAGACAGTGTGAACCTT 240
DB GTCCAGGTTATGCTGTAAGAGAGGCTGCGGAGAGTGAAGGAGACAGTGTGAACCTT 295
QY 236 GTCCAGGTTATGCTGTAAGAGAGGCTGCGGAGAGTGAAGGAGACAGTGTGAACCTT 295
DB GTCCAGGTTATGCTGTAAGAGAGGCTGCGGAGAGTGAAGGAGACAGTGTGAACCTT 295
QY 241 GCCCTCCAGGACCTTACATTTGACCTCAATGAGCTTAAGCAATGCTGAGAGAGAGTGA 300
DB GCCCTCCAGGACCTTACATTTGACCTCAATGAGCTTAAGCAATGCTGAGAGAGAGTGA 355
QY 296 GCCCTCCAGGACCTTACATTTGACCTCAATGAGCTTAAGCAATGCTGAGAGAGAGTGA 355
DB GCCCTCCAGGACCTTACATTTGACCTCAATGAGCTTAAGCAATGCTGAGAGAGAGTGA 415
QY 301 TGTGTGACCCAGGACCTTCTGCGGCGAGAGCCGGAATGCTCTCCAGAGACAGAGAACGCG 360
DB TGTGTGACCCAGGACCTTCTGCGGCGAGAGCCGGAATGCTCTCCAGAGACAGAGAACGCG 415
QY 356 TGTGTGACCCAGGACCTTCTGCGGCGAGAGCCGGAATGCTCTCCAGAGACAGAGAACGCG 415
DB TGTGTGACCCAGGACCTTCTGCGGCGAGAGCCGGAATGCTCTCCAGAGACAGAGAACGCG 415
QY 361 TGTGTGCTGAGAGAGAGAGAGTGTGCAATGCTGCAAGAGAGAGAGAGTGTGAGG 420
DB TGTGTGCTGAGAGAGAGAGAGTGTGCAATGCTGCAAGAGAGAGAGAGTGTGAGG 475
QY 416 TGTGTGCTGAGAGAGAGAGAGTGTGCAATGCTGCAAGAGAGAGAGAGTGTGAGG 475
DB TGTGTGCTGAGAGAGAGAGAGTGTGCAATGCTGCAAGAGAGAGAGAGTGTGAGG 475
QY 421 GCCGCGCTTACGCGACCTTCCAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 480
DB GCCGCGCTTACGCGACCTTCCAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 535
QY 476 GCCGCGCTTACGCGACCTTCCAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 535
DB GCCGCGCTTACGCGACCTTCCAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 595
QY 481 AGGACACCTTGTGTGCAAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 540
DB AGGACACCTTGTGTGCAAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 595
QY 536 AGGACACCTTGTGTGCAAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 595
DB AGGACACCTTGTGTGCAAGAGAGAGAGAGTGTGCAAGAGAGAGAGAGTGTGAGG 595
QY 541 AATGTGACGACCAAGCAAGTGCAG 565
DB AATGTGACGACCAAGCAAGTGCAG 620

RESULT 10

US-09-146-950-3
; Sequence 3, Application US/09146950A
; Patent No. 6287808
; GENERAL INFORMATION:
; APPLICANT: Busfield, Samantha J.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
; FILE REFERENCE: 09404/057001
; CURRENT APPLICATION NUMBER: US/09/146,950A
; PRIOR FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 579
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-950-3

Query Match 62.4%; Score 549.8; DB 3; Length 579;
Best Local Similarity 98.8%; Pred. No. 1.3e-143;
Matches 554; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 9 ATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAGAGTGC 68
DB 1 ATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAGAGTGC 60
QY 69 TTGAGGCTGTGTGTATCTCACTTCTCTGAGAGCCCTCTCTCTGAGAGAGTGTGAGG 128
DB 61 TTGAGGCTGTGTGTATCTCACTTCTCTGAGAGCCCTCTCTCTGAGAGAGTGTGAGG 120
QY 129 TCTGAGAGAGAGAGTACCCAGTGGGCTCTCTCTCTGAGAGAGTGTGAGGAGTGTGAGG 188
DB TCTGAGAGAGAGAGTACCCAGTGGGCTCTCTCTCTGAGAGAGTGTGAGGAGTGTGAGG 188

Db 121 TCTGCAAGAGAGACGATACCAAGTGGCTCCGAGTCTGCCCAAGTGCAGTCCAGGT 180
Qy 189 TATCGTGAAGAGAGCTGCGGGAGCTGACGGGACAGATGTGAACCTGCTCCCA 248
Db 181 TATCGTGAAGAGAGCTGCGGGAGCTGACGGGACAGATGTGAACCTGCTCCCA 240
Qy 249 GGCACCTAATGCCCCACCTCAATGAGCTTAAGCAAGTGTCTGCAAGTGCACAAATGTGTAC 308
Db 241 GGCACCTAATGCCCCACCTCAATGAGCTTAAGCAAGTGTCTGCAAGTGCACAAATGTGTAC 300
Qy 309 CCAAGCATGGGCTGGCGCGAGACCGGAACTGCTCCAGACAGAGAACCGCTGTGTGT 368
Db 301 CCAAGCATGGGCTGGCGCGAGACCGGAACTGCTCCAGACAGAGAACCGCTGTGTGTGC 360
Qy 369 TGCAGCCAGAGGACCTTGTGATGCTCCAGAGAGGGGACCACTGCGCGGCGCGCT 428
Db 361 TGCAGCCAGAGGACCTTGTGATGCTCCAGAGAGGGGACCACTGCGCGGCGCGCT 420
Qy 429 TACGCCACTCCAGCCCGGGCCAGAGGCTGCAGAGAGGAGGACCGAGAGTCAAGACAC 488
Db 421 TACGCCACTCCAGCCCGGGCCAGAGGCTGCAGAGAGGAGGACCGAGAGTCAAGACAC 480
Qy 489 CTGTGTCAAGACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGAGAGATGTGAC 548
Db 481 CTGTGTCAAGACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGAGAGATGTGAC 540
Qy 549 CACGAGACCAAGTGCAGCTGG 569
Db 541 CACGAGACCAAGTGCAGCTGG 561

RESULT 11

US-09-146-950-19
; Sequence 19, Application US/09146950A
; Patent No. 6287808
; GENERAL INFORMATION:
; APPLICANT: Busfield, Samantha J.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
; TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
; FILE REFERENCE: 09404/057001
; CURRENT APPLICATION NUMBER: US/09/146,950A
; CURRENT FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 591
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-950-19

Query Match 62.3%; Score 549.2; DB 3; Length 591;
Best Local Similarity 99.5%; Pred. No. 1.9e-143;
Matches 551; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 9 ATGAGAGCTCTCTGAGAGCTGGGGGCTCTCTCTCTGAGAGATCCACCCGAGAACGACGTC 68
Db 1 ATGAGAGCTCTCTGAGAGCTGGGGGCTCTCTCTCTGAGAGATCCACCCGAGAACGACGTC 60
Qy 69 TTGAGGCTGTGTCTGATCTCACTCTTCTGAGAGAGCCCTCTGCTAGCGCCCACTGTGCG 128
Db 61 TTGAGGCTGTGTCTGATCTCACTCTTCTGAGAGAGCCCTCTGCTAGCGCCCACTGTGCG 120
Qy 129 TCTTCAAGAGAGAGAGTACCAAGTGGGCTCCGAGTGTGCGCCCAAGTGCAGTCCAGGT 188
Db 121 TCTTCAAGAGAGAGAGTACCAAGTGGGCTCCGAGTGTGCGCCCAAGTGCAGTCCAGGT 180
Qy 189 TATCGTGAAGAGAGCTGCGGGAGCTGACGGGACAGTGTGAACCTGCTCCCA 248
Db 181 TATCGTGAAGAGAGCTGCGGGAGCTGACGGGACAGTGTGAACCTGCTCCCA 240
Qy 249 GGCACCTAATGCCCCACCTCAATGAGCTTAAGCAAGTGTCTGCAAGTGCACAAATGTGTAC 308
Db 241 GGCACCTAATGCCCCACCTCAATGAGCTTAAGCAAGTGTCTGCAAGTGCACAAATGTGTAC 300

Qy 309 CCAAGCATGGGCTGGCGCGAGACCGGAACTGCTCCAGACAGAGAACCGCTGTGTGT 368
Db 301 CCAAGCATGGGCTGGCGCGAGACCGGAACTGCTCCAGACAGAGAACCGCTGTGTGTGC 360
Qy 369 TGCAGCCAGAGGACCTTGTGATGCTCCAGAGAGGGGACCACTGCGCGGCGCGCT 428
Db 361 TGCAGCCAGAGGACCTTGTGATGCTCCAGAGAGGGGACCACTGCGCGGCGCGCT 420
Qy 429 TACGCCACTCCAGCCCGGGCCAGAGGCTGCAGAGAGGAGGACCGAGAGTCAAGACAC 488
Db 421 TACGCCACTCCAGCCCGGGCCAGAGGCTGCAGAGAGGAGGACCGAGAGTCAAGACAC 480
Qy 489 CTGTGTCAAGACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGAGAGATGTGAC 548
Db 481 CTGTGTCAAGACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGAGAGATGTGAC 540
Qy 549 CACGAGACCAAGTGCAGCTGG 562
Db 541 CACGAGACCAAGTGCAGCTGG 554

RESULT 12

US-09-016-434-937
; Sequence 937, Application US/09016434
; Patent No. 6500938

; GENERAL INFORMATION:
; APPLICANT: Janice Au-Young
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
; TITLE OF INVENTION: PATHWAY GENE EXPRESSION
; NUMBER OF SEQUENCES: 1490
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/016,434
; FILING DATE: HERewith

CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:

CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0002 US
TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555

INFORMATION FOR SEQ ID NO: 937:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 976 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

IMMEDIATE SOURCE:
; LIBRARY: MYOMOT01
; CLONE: 778806
US-09-016-434-937

Query Match 42.1%; Score 370.6; DB 4; Length 976;
Best Local Similarity 84.0%; Pred. No. 1.1e-93;
Matches 493; Conservative 0; Mismatches 4; Indels 90; Gaps 3;

NAME: Zindrick, Thomas K.
REGISTRATION NUMBER: 32,185
REFERENCE/DOCKET NUMBER: A-430D
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 705 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..705
US-09-326-394-3

Query Match 6.9%; Score 60.4; DB 4; Length 705;
Best Local Similarity 46.9%; Pred. No. 1.8e-07;
Matches 224; Conservative 0; Mismatches 251; Indels 3; Gaps 1;
QY 164 GTGCTGCCCCAAGTGCATGCATGATGCTGTAAGAGAGGCTGCGGGAGCTGACGGG 223
DB 90 GTGCTGCAGAGAGTGTCTGCGCGGGCAATGCAAAAGTCTTGTACCAAGACTGGGA 149
QY 224 CACAGTGTGAACCTGCGCTTCCAGGCACTACATTGCCCACTCAATGGCTTAAGCA 283
DB 150 CACCGTGTGTGACTCTGTGAGAGACATACACCCAGCTCTGGAACTGGGTTCCGA 209
QY 284 GTGTCTGCAAGTGCCTCAATGTGTGACCCAGCATGGGCTGCGGGAGCCGGAACCTGCTC 343
DB 210 GTGCTTGAAGTGTG--CTCCCGCTGTAGCTTGTACCAAGTGAATACTCAAGCTTGAC 266
QY 344 CAGACAGAGAAAGCCGTGTGTGTGTTGACGCCAGGCCCACTTCTGCATGTCACAGACG 403
DB 267 TGGGGAACAGAACCGCATCTGCACCTGCAGGCCCGGCTGTACTGCGCGCTGAGCAAGCA 326
QY 404 GGAACCACTGCGCGCGGCTTACCGCCACTTCCAGCCCGGGCCAGAGGGGTGCAAA 463
DB 327 GGAAGGGGTGCGCGCTGTGCGCGCGCTGCGCAAGTGCAGCCCGGCTTCGGCGTGCCAG 386
QY 464 GGGAGGCAACGAGAGTCAAGACACCTGTGTCAAGCTGCCCCGGGGACCTTCTCTCC 523
DB 387 ACCAGGAATGAAACATCAGACGTGTGTCAAGCCCTGTGCCCCGGGAGCTTCTCAA 446
QY 524 CAATGGGACCTTGAAGGAATGTCAAGACCAAGACAGTGAAGTGGTGTGACGAAGGC 583
DB 447 CACGACTTATCAACGAGATATTGCAAGGCCCAACGATCTGTAACTGTGTGCCATCCC 506
QY 584 CGAGCTGGGACCAAGCAGCTCCCACTGGGTATGTGTGTTCTCTCAGGAGCCTCGTC 641
DB 507 TGGGAATGCAAGAGGAGTGAAGTGTCAAGTCCAGTCCCCACCCGGAGTATGGCC 564

Search completed: November 22, 2003, 01:01:25
Job time : 66 secs

2 PAGE BLANK (USPTO)

OY	121	TTCTGCGCGCTCTGCAAGAGACAGATGATCCAGTATGGGCTCTCGAGTGGCTGCGCCCAAGTACA	180
Db	377	CTTCTGCGCTCTCTGCAAGAGACAGATGATCCAGTATGGGCTCTCGAGTGGCTGCGCCCAAGTACA	436
OY	181	GTCCAGGTTATCTGTGTGAAGGAGGCTTCGGGGAGCTGACGGGACACAGTGTGTGAACCTT	240
Db	437	GTCCAGGTTATCTGTGTGAAGGAGGCTTCGGGGAGCTGACGGGACACAGTGTGTGAACCTT	496
OY	241	GCCCTCCAGGCACTTACATTTGGCCCATCTGCTTAAGCAAGTGTCTGCAAGTCCAA	300
Db	497	GCCCTCCAGGCACTTACATTTGGCCCATCTGCTTAAGCAAGTGTCTGCAAGTCCAA	556
OY	301	TGTGTGACCCAGCCCATTTGGGCTTCGCGCGGAGGCGGAACTGTCTCCAGACAGAGAAGCGG	360
Db	557	TGTGTGACCCAGCCCATTTGGGCTTCGCGCGGAGGCGGAACTGTCTCCAGACAGAGAAGCGG	616
OY	361	TGTGTGTTGCAAGCCCAAGGCCACTTCTGATCTGTCTCAGAGCGGGACCACTGCGCGGCT	420
Db	617	TGTGTGTTGCAAGCCCAAGGCCACTTCTGATCTGTCTCAGAGCGGGACCACTGCGCGGCT	676
OY	421	GCCGCGCTTACGCCCACTTCCAGCCCGGGGCTCAGAGGTCTCAGAAAGGAGGACCCGAGATC	480
Db	677	GCCGCGCTTACGCCCACTTCCAGCCCGGGGCTCAGAGGTCTCAGAAAGGAGGACCCGAGATC	736
OY	481	AGGACACCCCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGCCCTGAGG	540
Db	737	AGGACACCCCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGCCCTGAGG	796
OY	541	AATGTACAGCACCAAGACCAAGTGCAGACTGGTGTGACGAGGCCCGGACTGGAGCACAGA	600
Db	797	AATGTACAGCACCAAGACCAAGTGCAGACTGGTGTGACGAGGCCCGGACTGGAGCACAGA	856
OY	601	GCTCCCACTGGGTATGTGTGTTTCTCTCAAGGAGGCTTGTCATGTCTATTGTTTGTCTCA	660
Db	857	GCTCCCACTGGGTATGTGTGTTTCTCTCAAGGAGGCTTGTCATGTCTATTGTTTGTCTCA	916
OY	661	CAGTTGGGCTATCATATGTGTGAAGAAAGAAAGAACCAAGGGGTGATGTAGTCAAGGTGA	720
Db	917	CAGTTGGGCTATCATATGTGTGAAGAAAGAAAGAACCAAGGGGTGATGTAGTCAAGGTGA	976
OY	721	TCTGTCTCGTCCAGCGGAAAAAGACAGAGGGCAGAAAGTGTAGGCCCACTGTCAATTGAGGCC	780
Db	977	TCTGTCTCGTCCAGCGGAAAAAGACAGAGGGCAGAAAGTGTAGGCCCACTGTCAATTGAGGCC	1036
OY	781	TGCAGGGCCCTTCGGAAGCTCACACAGGTGGCCGTGTGAGAGACAAATACCTTCATTCAGG	840
Db	1037	TGCAGGGCCCTTCGGAAGCTCACACAGGTGGCCGTGTGAGAGACAAATACCTTCATTCAGG	1096
OY	841	GGAGGAGCCCAACCATGACCCACAGACTCTGCAACCCCGA	881
Db	1097	GGAGGAGCCCAACCATGACCCACAGACTCTGCAACCCCGA	1137

```

RESULT 2
US-09-924-231-1
; Sequence 1, Application US/09924231
; Patent No. US2002010264A1
; GENERAL INFORMATION:
; APPLICANT: SPEAR, Patricia G.
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
; FILE REFERENCE: 0290-1
; CURRENT APPLICATION NUMBER: US/09/924,231
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 09/333,279
; PRIOR FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1724
; TYPE: DNA
; ORGANISM: Homo sapiens

```

US-09-924-231-1

Query Match	99.8%	Score 879.4;	DB 10;	Length 1724;
Best Local Similarity	99.9%	Pred. No. 1.1e-249;		
Matches 880;	Conservative	0;	Mismatches 1;	Indels 0;
				Gaps 0;

OY	1	CCCTGAGGCATGAGACCTTCCTGAGACTGCGGGGCTCTCTCCCTGAGAGTCCACCCCGAGAA	60
Db	286	CTGTAGGCAATGAGACCTCTGTGAGACTGCGGGGCTCTCTCCCTGAGAGTCCACCCCGAGAA	345
OY	61	CCGACGCTTGTAGGCTGTGCTGTATCTCACTTTCTTGGAGCCCTCTGCTAGCCCCAG	120
Db	346	CCGACGCTTGTAGGCTGTGCTGTATCTCACTTTCTTGGAGCCCTCTGCTAGCCCCAG	405
OY	121	CTTACGCGCTCTGCAAGAGGAGACGAGTACCAGTGGGCTCCGAGTGTGCCCCCAAGTCA	180
Db	406	CTTCTGCGCTCTGCAAGAGGAGACGAGTACCAGTGGGCTCCGAGTGTGCCCCCAAGTCA	465
OY	181	GTCCAGGTTATCGTGTAGAGAGGCTGCGGGGAGCTGACGGGCAAGTGTGTGAACCTT	240
Db	466	GTCCAGGTTATCGTGTAGAGAGGCTGCGGGGAGCTGACGGGCAAGTGTGTGAACCTT	525
OY	241	GCCCTCCAGGACCTTAATGTGCCACCTCAATGSCCTTAACCAAGTGTCTGACGGCCAA	300
Db	526	GCCCTCCAGGACCTTAATGTGCCACCTCAATGSCCTTAAGCAAGTGTGTGACGTCCAA	585
OY	301	TGTGTGACCCAGCCATGGGCTGCGCGAGCCGGAACTGCTCCAGGACAGAGAACGCG	360
Db	586	TGTGTGACCCAGCCATGGGCTGCGCGAGCCGGAACTGCTCCAGGACAGAGAACGCG	645
OY	361	TGTGTGTTGTGACGCCACAGGCCACTTTCTGCAATCGTCCAGAGCGGGAACCACTGCGCGCGCT	420
Db	646	TGTGTGCTGTGACGCCACAGGCCACTTTCTGCAATCGTCCAGAGCGGGAACCACTGCGCGCGCT	705
OY	421	GCCGCGCTTACGCCACCTCCAGGCCCGGGCCAGAGGGGTGCAGAAAGGAGGACCCGAGAGTC	480
Db	706	GCCGCGCTTACGCCACCTCCAGGCCCGGGCCAGAGGGGTGCAGAAAGGAGGACCCGAGAGTC	765
OY	481	AGGACACCCCTGTGTCAAGACTGCCCCCGGGGACCTTCTCTCCCAATGGAGCCCTGAGG	540
Db	766	AGGACACCCCTGTGTCAAGACTGCCCCCGGGGACCTTCTCTCCCAATGGAGCCCTGAGG	825
OY	541	AATGTCAAGCACCAACCAATGACGCTGTGTGAGAGGACCGGAGCTGTGGACCAAGCA	600
Db	826	AATGTCAAGCACCAACCAATGACGCTGTGTGAGAGGACCGGAGCTGTGGACCAAGCA	885
OY	601	GCTCCCACTGGGTATGTGTGTTTCTCTCAGGAGACCTCGTCACTGTCATTGTTTGTCCA	660
Db	886	GCTCCCACTGGGTATGTGTGTTTCTCTCAGGAGACCTCGTCACTGTCATTGTTTGTCCA	945
OY	661	CAGTTGGCTTAATCATATGTGTGAAAGAAAGAACCCAGAGGGGTGATGTAGTCAAGTGA	720
Db	946	CAGTTGGCTTAATCATATGTGTGAAAGAAAGAACCCAGAGGGGTGATGTAGTCAAGTGA	1005
OY	721	TGCTGTCCGTCCAGCGGAAAGACAGGAGCGAGAGGTGAGGCGCACAGTCAATTAGGCC	780
Db	1006	TGCTGTCCGTCCAGCGGAAAGACAGGAGCGAGAGGTGAGGCGCACAGTCAATTAGGCC	1065
OY	781	TGACAGGCCCTCCGGAAGTCAACACGCTGCGCTGTGAGAGACAAATACCTCATTTACGG	840
Db	1066	TGACAGGCCCTCCGGAAGTCAACACGCTGCGCTGTGAGAGACAAATACCTCATTTACGG	1125
OY	841	GGAGAGGCCCAACCATGACCTCAACACTCTTGACCCCCA	881
Db	1126	GGAGAGGCCCAACCATGACCTCAACACTCTTGACCCCCA	1166

RESULT 3
US-09-934-289A-14
; Sequence 14, Application US/09934289A
; Patent No. US20020132297A1
; GENERAL INFORMATION:
; APPLICANT: Busfield, Samantha J.

```

/ TITLE OF INVENTION: NOVEL MOLECULES OF THE
/ TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
/ FILE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
/ FILE REFERENCE: MBI098-061CPICN1(M)
/ CURRENT APPLICATION NUMBER: US/09/934,289A
/ PRIOR FILING DATE: 2001-08-21
/ PRIOR APPLICATION NUMBER: US 09/342,767
/ PRIOR FILING DATE: 1999-06-29
/ PRIOR APPLICATION NUMBER: US 09/146,950
/ PRIOR FILING DATE: 1998-09-03
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 14
/ LENGTH: 1724
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (294) ... (1142)
US-09-934-289A-14

```

```

Query Match      99.8%; Score 879.4; DB 10; Length 1724;
Best Local Similarity 99.9%; Pred. No. 1.1e-249;
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1 CCTGAGGATGAGGCTCTGAGAGCTGGGGGCTCTCCCTGGAGATCCACCCGAGAA 60
DB 286 CTTGAGGATGAGGCTCTGAGAGCTGGGGGCTCTCCCTGGAGATCCACCCGAGAA 345
QY 61 CCGAGCTCTTGAAGGCTGTGTGTATCTACCTTCTGAGAACCCCTGCTACGCCCCAG 120
DB 346 CCGAGCTCTTGAAGGCTGTGTGTATCTACCTTCTGAGAACCCCTGCTACGCCCCAG 405
QY 121 CTCTGCGCTCTGCAAGAGAGAGATACCCAGTGGGCTCCAGATGCTGCCCCAAGTGA 180
DB 406 CTCTGCGCTCTGCAAGAGAGAGATACCCAGTGGGCTCCAGATGCTGCCCCAAGTGA 465
QY 181 GTCCAGGATATCGTGTGAAGAGAGGCTGTGGGGAGCTGACGGGACAGTGTGTAACCT 240
DB 466 GTCCAGGATATCGTGTGAAGAGAGGCTGTGGGGAGCTGACGGGACAGTGTGTAACCT 525
QY 241 GCCCTTCAGGACCTACATTTGCCACTTCATGCTTAAGCAAGTGTCTGACAGTCCAAA 300
DB 526 GCCCTTCAGGACCTACATTTGCCACTTCATGCTTAAGCAAGTGTCTGACAGTCCAAA 585
QY 301 TGTGTGACCCAGCAGTGGGCTGTGGGCGAGCCGGAATGCTTCCAGAGACAGAAAGCCG 360
DB 586 TGTGTGACCCAGCAGTGGGCTGTGGGCGAGCCGGAATGCTTCCAGAGACAGAAAGCCG 645
QY 361 TGTGTGTTGAGCCAGCCAGGCTCTGATGCTCCAGGACGGGGGACCACTGCGCGCGGT 420
DB 646 TGTGTGTTGAGCCAGCCAGGCTCTGATGCTCCAGGACGGGGGACCACTGCGCGCGGT 705
QY 421 GCCGCGCTTACGCCACTTCAGCGCGGCGCAGAGGGTGCAGAAAGGAGGCAACCGAGATC 480
DB 706 GCCGCGCTTACGCCACTTCAGCGCGGCGCAGAGGGTGCAGAAAGGAGGCAACCGAGATC 765
QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGGACCTGTGAGG 540
DB 766 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGGACCTGTGAGG 825
QY 541 AATGTGACAGCAGACCAAGTGCAGTGTGCTGTGAGCAAGGACGGAGCTGGGACACAGA 600
DB 826 AATGTGACAGCAGACCAAGTGCAGTGTGCTGTGAGCAAGGACGGAGCTGGGACACAGA 885
QY 601 GCTCCACCTAGGTATGTGTGTTCTCTCAAGGAGCCTGCTCATGCTCATTTGTTGCTCA 660
DB 886 GCTCCACCTAGGTATGTGTGTTCTCTCAAGGAGCCTGCTCATGCTCATTTGTTGCTCA 945
QY 661 CAGTTGGCTTATCATATGTGTGAAGAAAGAAAGGCAAGGGGTATGATGCAAGGTGA 720
DB 946 CAGTTGGCTTATCATATGTGTGAAGAAAGAAAGGCAAGGGGTATGATGCAAGGTGA 1005

```

```

QY 721 TGTCTCCGCTCAGCGGAAAAAGACAGAGAGAGAGAGTGTGAGCCACAGTATTTAGGCC 780
DB 1006 TGTCTCCGCTCAGCGGAAAAAGACAGAGAGAGAGAGTGTGAGCCACAGTATTTAGGCC 1065
QY 781 TGCAGGCCCCCTCCGAGCTCACACAGGTGGCCGTGTGAGAGACATATCCCTATTACAGG 840
DB 1066 TGCAGGCCCCCTCCGAGCTCACACAGGTGGCCGTGTGAGAGACATATCCCTATTACAGG 1125
QY 841 GGAGGAGCCCAAAACCACTGACCCACAGACTGTGACCCCGA 881
DB 1126 GGAGGAGCCCAAAACCACTGACCCACAGACTGTGACCCCGA 1166

```

```

RESULT 4
US-09-934-289A-41
/ Sequence 41, Application US/09934289A
/ Patent No. US20020132297A1
/ GENERAL INFORMATION:
/ APPLICANT: Busfield, Samantha J.
/ TITLE OF INVENTION: NOVEL MOLECULES OF THE
/ TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
/ FILE REFERENCE: MBI098-061CPICN1(M)
/ CURRENT APPLICATION NUMBER: US/09/934,289A
/ PRIOR FILING DATE: 2001-08-21
/ PRIOR APPLICATION NUMBER: US 09/342,767
/ PRIOR FILING DATE: 1999-06-29
/ PRIOR APPLICATION NUMBER: US 09/146,950
/ PRIOR FILING DATE: 1998-09-03
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 41
/ LENGTH: 1834
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (103) ... (933)
US-09-934-289A-41

```

```

Query Match      83.1%; Score 732.4; DB 10; Length 1834;
Best Local Similarity 99.9%; Pred. No. 3e-206;
Matches 733; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1 CCTGAGGATGAGGCTCTGAGAGCTGGGGGCTCTCCCTGGAGATCCACCCGAGAA 60
DB 95 CTTGAGGATGAGGCTCTGAGAGCTGGGGGCTCTCCCTGGAGATCCACCCGAGAA 154
QY 61 CCGAGCTCTTGAAGGCTGTGTGTATCTACCTTCTGAGAACCCCTGCTACGCCCCAG 120
DB 155 CCGAGCTCTTGAAGGCTGTGTGTATCTACCTTCTGAGAACCCCTGCTACGCCCCAG 214
QY 121 CTCTGCGCTCTGCAAGAGAGAGATACCCAGTGGGCTCCAGATGCTGCCCCAAGTGA 180
DB 215 CTCTGCGCTCTGCAAGAGAGAGATACCCAGTGGGCTCCAGATGCTGCCCCAAGTGA 274
QY 181 GTCCAGGATATCGTGTGAAGAGAGGCTGTGGGGAGCTGACGGGACAGTGTGTAACCT 240
DB 275 GTCCAGGATATCGTGTGAAGAGAGGCTGTGGGGAGCTGACGGGACAGTGTGTAACCT 334
QY 241 GCCCTTCAGGACCTACATTTGCCACTTCATGCTTAAGCAAGTGTCTGACAGTCCAAA 300
DB 335 GCCCTTCAGGACCTACATTTGCCACTTCATGCTTAAGCAAGTGTCTGACAGTCCAAA 394
QY 301 TGTGTGACCCAGCAGTGGGCTGTGGGCGAGCCGGAATGCTTCCAGAGACAGAAAGCCG 360
DB 395 TGTGTGACCCAGCAGTGGGCTGTGGGCGAGCCGGAATGCTTCCAGAGACAGAAAGCCG 454
QY 361 TGTGTGTTGAGCCAGCCAGGCTCTGATGCTCCAGGACGGGGACCACTGCGCGCGGT 420
DB 455 TGTGTGTTGAGCCAGCCAGGCTCTGATGCTCCAGGACGGGGACCACTGCGCGCGGT 514
QY 421 GCCGCGCTTACGCCACTTCAGCGCGGCGCAGAGGGTGCAGAAAGGAGGCAACCGAGATC 480

```

Db	.515	GCCGCCCTTACGCCACCTCCAGCCCGGGGCGAAGGGTGTCAGAAAGGAGAGCCACGAGAGTC	57.4
QY	481	AGGACACCCTGTGTGCAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGACCCCTGGAGG	54.0
Db	575	AGGACACCCTGTGTGCAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGACCCCTGGAGG	63.4
QY	541	AATGTAGACACCGAACCAAGTGCAGTGGCTGTGTACCAAGCCGAGCTGGACACGCA	60.0
Db	635	AATGTAGACACCGAACCAAGTGCAGTGGCTGTGTACCAAGCCGAGCTGGACACGCA	69.4
QY	601	GCTCCCACTGGGTANGTGGTTTCTCTCAGGAGCCTGTCATGCTCATTTGTTGTC	66.0
Db	695	GCTCCCACTGGGTANGTGGTTTCTCTCAGGAGCCTGTCATGCTCATTTGTTGTC	75.4
QY	661	CATTTGGCCCAATCATATGTGTGAAGAAAGAAACCCAAAGGGTGATCTATGCAAGTGA	72.0
Db	755	CATTTGGCCCAATCATATGTGTGAAGAAAGAAACCCAAAGGGTGATCTATGCAAGTGA	81.4
QY	721	TGCTCTCCGTCAG	73.4
Db	815	TGCTCTCCGTCAG	82.8

RESULT 5

Sequence 43, Application US/09934289A
Patent No. US20020132297A1

GENERAL INFORMATION:

APPLICANT: Busfield, Samantha J.

TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HRPSPSVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: MB1098-061CPLCN1(M)

CURRENT APPLICATION NUMBER: US/09/934,289A

CURRENT FILING DATE: 2001-08-21

PRIOR APPLICATION NUMBER: US 09/342,767

PRIOR FILING DATE: 1999-06-29

PRIOR APPLICATION NUMBER: US 09/146,950

PRIOR FILING DATE: 1998-09-03

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 43

LENGTH: 831

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: CDS

LOCATION: (1)... (831)

US-09-934-289A-43

Query Match	82.2%;	Score 724.4;	DB 10;	Length 831;
Best Local Similarity	99.9%;	Pred. No. 5.9e-204;		
Matches 725; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

QY	9	ATGAGGCTCTCTGGAGACTGGGGGCTCTCTCTCTGGAATCCACCCCGAAGCCGAGTGC	68
Db	1	ATGAGGCTCTCTGGAGACTGGGGGCTCTCTCTGGAATCCACCCCGAAGCCGAGTGC	60
QY	69	TTGAGGCTGCTGCTATATCTACCTTCTGGGAGGCCCTCTGTATAGCCCGAGCTTCGG	128
Db	61	TTAGGGTGTGTCTGTATCTCATCTTCTCGGGAGGCCCTGTATAGCCCGAGCTTCGG	120
QY	129	TCCTGCAGAGGAGCAGAGTACCAGTGGGCTCCGAGTGTGCCCCAGTGCAGTCAAGT	188
Db	121	TCTTCGACAGGAGCAGCAGTACCAGTGGGCTCCGAGTGTGCCCCAGTGCAGTCAAGT	180
QY	189	TATCGTGTGAAGAGGCTGCGGGGAGCTGACGGGCAAGTGTGTGAACCTGCGCTCCA	248
Db	181	TATCGTGTGAAGAGGCTGCGGGGAGCTGACGGGCAAGTGTGTGAACCTGCGCTCCA	240
QY	249	GGCACCCTACATTGGCCCACTCAATGGCCTTAAGCAAGTGTCTGCAGTGCCAAATGTGTAC	308

Db	24	GGACCTCAATTGGCCCACTCAATGGCCCTAAAGCAAGTGTCTGCAAGTCCAAATGTGTGAC	3 00
Qy	309	CCAGCCATGGGCTGTGGCGCGAGCCGGAACTGTCTCAAGGACAGAGAACGCGTGTGTGAT	3 68
Db	301	CCAGCCATGGGCTGTGGCGCGAGCCGGAACTGTCTCAAGGACAGAGAACGCGTGTGTGAC	3 60
Qy	369	TGCAGCCCAAGGCCACTTGTCTGATGTCTCAGGACGGGGACACTGTGCGCGTGTCCGCGCT	4 28
Db	361	TGCAGCCCAAGGCCACTTGTCTGATGTCTCAGGACGGGGACACTGTGCGCGTGTCCGCGCT	4 20
Qy	429	TAGGCCACCTTCAGGCGCGGGCCAGAGGGGTGTGAGAAAGGAGGACCGAGAGTCAGAACAC	4 88
Db	421	TAGGCCACCTTCAGGCGCGGGCCAGAGGGGTGTGAGAAAGGAGGACCGAGAGTCAGAACAC	4 80
Qy	489	CTGTGTCAAGACTGTGCCCCCGGGGACCTTCTCTCCCATATGGACCTGTGAGAAATGTGAC	5 48
Db	481	CTGTGTCAAGACTGTGCCCCCGGGGACCTTCTCTCCCATATGGACCTGTGAGAAATGTGAC	5 40
Qy	549	CACCAACCAAGTGTGAGCTGTGCTGTGTACAGAAAGCCGAGAGCTGGGACACAGACTCCAC	6 08
Db	541	CACCAACCAAGTGTGAGCTGTGCTGTGTACAGAAAGCCGAGAGCTGGGACACAGACTCCAC	6 00
Qy	609	TGGGTATGGTGGTTTCTCTCAGGAGAGCTGTCAATGTCTCATTTTGTCTCCACAGTTGGC	6 68
Db	601	TGGGTATGGTGGTTTCTCTCAGGAGAGCTGTCAATGTCTCATTTTGTCTCCACAGTTGGC	6 60
Qy	669	CTAATCAATGTGTGAAAAGAAAGAAAGCCAAAGGGTGATGTAGTCAGAGTGATGTCTCC	7 28
Db	661	CTAATCAATGTGTGAAAAGAAAGAAAGCCAAAGGGTGATGTAGTCAGAGTGATGTCTCC	7 20
Qy	729	GTCACG 734	
Db	721	GTCACG 726	

RESULT 6

```

US-09-934-289A-1
? Sequence 1, Application US/09934289A
? Patent No. US20020133297A1
? GENERAL INFORMATION:
? APPLICANT: Busfield, Samantha J.
? TITLE OF INVENTION: NOVEL MOLECULES OF THE
? TITLE OF INVENTION: HRPSPSVIRUS-ENTRY-MEDIATOR-RELATED
? TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
? FILE REFERENCE: MB1098-061CPLCN1(M)
? CURRENT APPLICATION NUMBER: US/09/934, 289A
? CURRENT FILING DATE: 2001-08-21
? PRIOR APPLICATION NUMBER: US 09/342,767
? PRIOR FILING DATE: 1999-06-29
? PRIOR APPLICATION NUMBER: US 09/146,950
? PRIOR FILING DATE: 1998-09-03
? NUMBER OF SEQ ID NOS: 58
? SOFTWARE: FastSeq for Windows Version 3.0
? SEQ ID NO 1
? LENGTH: 1929
? TYPE: DNA
? ORGANISM: Homo sapiens
? FEATURE:
? NAME/KEY: CDS
? LOCATION: (257)...(875)
? US-09-934-289A-1

```

Query Match	78.2%;	Score 688.8;	DB 10;	Length 1929;
Best Local Similarity	82.9%;	Pred. No. 2.4e-193;		
Matches 879;	Conservative 0;	Mismatches 2;	Indels 179;	Gaps 1

QY	1	289
Db	CCTAGGCGATGAGCGCTCCTGAGACCTGGGGGCGCTCCCTCGTGAGATCTCAACCCAGAA	CCTAGGCGATGAGCGCTCCTGAGACCTGGGGGCGCTCCCTCGTGAGATCTCAACCCAGAA
QY	61	349
Db	CCGACGCTTTAGGCGTGGTGTCTGATCTCACTTCCTGGAGAGCCCGCTGATAGGCCCGAG	CCGACGCTTTAGGCGTGGTGTCTGATCTCACTTCCTGGAGAGCCCGCTGATAGGCCCGAG

OY	121	CTCTGCGCGTCTTGCAAGAGAGGACAGAGTACCAGATGGGGCTCCGAGTGTCTGCGCCCAAGTGA	180
Db	409	CTCTGCGCGTCTTGCAAGAGAGGACAGAGTACCAGATGGGGCTCCGAGTGTCTGCGCCCAAGTGA	468
OY	181	GTCCAGGTTATGTTGTGAAGAGAGGCTCGGGGAGCTGACGGGACAGTGTGTGAACCT	240
Db	469	GTCCAGGTTATGTTGTGAAGAGAGGCTCGGGGAGCTGACGGGACAGTGTGTGAACCT	528
OY	241	GCCCTTCAGGACCTTACATTGTCCTCAATAGCCTTAAGCAAGTGTCTGCAGTGCANA	300
Db	529	GCCCTTCAGGACCTTACATTGTCCTCAATAGCCTTAAGCAAGTGTCTGCAGTGCANA	588
OY	301	TGTGTGACCCAGACCCATGGGGCTGGCGCGAGCGGAGCCGGAACCTGTCTCCAGGACAGAGAACGCCG	360
Db	589	TGTGTGACCCAGACCCATGGGGCTGGCGCGAGCGGAGCCGGAACCTGTCTCCAGGACAGAGAACGCCG	648
OY	361	TGTGTGTTTGCAAGCCAGGACCACTTCTGATGATGTCAGAGACGGGGACCACTGCGCGCGT	420
Db	649	TGTGTGTTTGCAAGCCAGGACCACTTCTGATGATGTCAGAGACGGGGACCACTGCGCGCGT	708
OY	421	GCGCGCTTAAAGCCACCTTCAGGCCCGGGGCGCAAGAGGTGCAAGAGGAGCCAGAGATC	480
Db	709	GCGCGCTTAAAGCCACCTTCAGGCCCGGGGCGCAAGAGGTGCAAGAGGAGCCAGAGATC	768
OY	481	AGGACACCTGTGTAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGGACCTTGAGAG	540
Db	769	AGGACACCTGTGTAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGGACCTTGAGAG	828
OY	541	AATGTCAAGCACAGACCA--	559
Db	829	AATGTCAAGCACAGACCA--	888
OY	560	-----	559
Db	889	TGAGAGTGCACACAGCCAGCCTCCCTGGGACCTGTCTTCACTGCTGGGCGCTTGAGAG	948
OY	560	-----	559
Db	949	COAGGAGAGCTCCCTGAGGCTGAGTGAACACTGGGCGCTGCACCTGCTTCCACGTC	1008
OY	560	-----GTGACGCTGGCTGGTGAAGAAAGGCGGAGCTGGGACCAAGCAG	601
Db	1009	TCGGCCCCACCTCCGCAAGTGAAGTGGTGTGTGACGAAAGGCCGAGGCTGGGACCAAGCAG	1066
OY	602	CTCCACATGGGTATGTGTGTTCTCTCAGGAGCCTGTGCATGTCATTTGTTTGTCTCAC	661
Db	1069	CTCCACATGGGTATGTGTGTTCTCTCAGGAGCCTGTGCATGTCATTTGTTTGTCTCAC	1122
OY	662	AGTTGGCTTAATCATATGTGTGAAAAGAAAGAACCAAGGGGTATGTATGTCAGAGTAT	721
Db	1129	AGTTGGCTTAATCATATGTGTGAAAAGAAAGAACCAAGGGGTATGTATGTCAGAGTAT	1188
OY	722	GCTCTCCGTCAGCGGAAAGACAGAGAGGCGAAGAGTGAAGGCCAGTCATTGAGGCCCT	781
Db	1189	GCTCTCCATCCAGCGGAAAGACAGAGAGGCGAAGAGTGAAGGCCAGTCATTGAGGCCCT	1248
OY	782	GCAGGCGCCCTCCGAGCGTCACACGAGTGGCCGTGAGAGAGACAAATACCTCATTTCAAGCG	841
Db	1249	GCAGGCGCCCTCCGAGCGTCACACGAGTGGCCGTGAGAGAGACAAATACCTCATTTCAAGCG	1308
OY	842	GAGAGGCCCAAAACCATGACCCACAGATCTTGACACCCCGCA	881
Db	1309	GAGAGGCCCAAAACCATGACCCACAGATCTTGACACCCCGCA	1348

```

? TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
? TITLE OF INVENTION: PROTEIN FAMILY AND USNS THERMO
? FILE REFERENCE: MEI098-061CPC1CN1(M)
? CURRENT APPLICATION NUMBER: US/09/934,289A
? CURRENT FILING DATE: 2001-08-21
? PRIOR APPLICATION NUMBER: US 09/342,767
? PRIOR FILING DATE: 1999-06-29
? PRIOR APPLICATION NUMBER: US 09/146,950
? PRIOR FILING DATE: 1998-09-03
? NUMBER OF SEQ ID NOS: 58
? SOFTWARE: FastSeq for Windows Version 3.0
? SEQ ID NO 17
? LENGTH: 1596
? TYPE: DNA
? ORGANISM: Homo sapiens
? FEATURE:
? NAME/KEY: CDS
? LOCATION: (107)...(697)
? US-09-934-289A-17

```

Query Match	76.2%;	Score 671.4;	DB 10;	Length 1596;
Best Local Similarity	84.9%;	Prod No 3 1e-188;		

Matches 780; Conservative 0; Mismatches 101; Indels 38; Gaps 1;

Qy	61	CCGAGCTCTTGAAGCTGAGTGTATCTTCACTTCCTGAGAGCCCTCGTACGCCCCAG	120
Dp	159	CCGACGCTTTGAGGCTGAGTGTATCTTCACTTCCTGAGAGCCCTCGTACGCCCCAG	218
Qy	121	CTCTGCCGCTCTTCGAAAGAGACGAGTACCCAGTGGGCTCCGAGTGCCTGCCCAAGTCA	180
Dp	219	CTCTGCCGCTCTTCGAAAGAGACGAGTACCCAGTGGGCTCCGAGTGCCTGCCCAAGTCA	278
Qy	181	GTCAGAGTATCGTGTGAAGAGGAGCTCGAGGAGAGCTGACGAGGACAGTGTGTAACTT	240
Dp	279	GTCAGAGTATCGTGTGAAGAGGAGCTCGAGGAGAGCTGACGAGGACAGTGTGTAACTT	338
Qy	241	GCCCTTCAGAGCACTTACATTTGCCACTCAATTTGGCTTACGAAATGTCTGACAGTCCAA	300
Dp	339	GCCCTTCAGAGCACTTACATTTGCCACTCAATTTGGCTTACGAAATGTCTGACAGTCCAA	398
Qy	301	TGTGTACCCAGCACTTGGGCTTCGCGCGGAGCCGAACTGCTCCAGACAGAGAACGCG	360
Dp	399	TGTGTACCCAGCACTTGGGCTTCGCGCGGAGCCGAACTGCTCCAGACAGAGAACGCG	458
Qy	361	TGTGTGAGTTCAGAGCCCAAGGCACTTCTGTCAATCTTCAGAGAGGAGACCATGCGCCGCT	420
Dp	459	TGTGTGAGTTCAGAGCCCAAGGCACTTCTGTCAATCTTCAGAGAGGAGACCATGCGCCGCT	518
Qy	421	GCGCGCTTACGCCACTTCAGAGCCCGGAGCCAGAGGAGTACAGAGGAGGACCGAGAGTC	480
Dp	519	GCGCGCTTACGCCACTTCAGAGCCCGGAGCCAGAGGAGTACAGAGGAGGACCGAGAGTC	578
Qy	481	AGGACACCCCTGTGTCAAACTGCCCCCGGGGAACTTCTCCCAATGGACCTCTGAGG	540
Dp	579	AGGACACCCCTGTGTCAAACTGCCCCCGGGGAACTTCTCCCAATGGACCTCTGAGG	638
Qy	541	AATGTACAGACACAGACCAAGT-----	562
Dp	639	AATGTACAGACACAGACCAATTTGCTTATCTATGTGTGAAGAGAGAACCAAGGGCT	698
Qy	563	CAGCTGAGCTGTGAAGAGGCGGAGCGTGGAGCCAGAGACGTCGCCAGTGGGTATGTGGTT	622
Dp	699	GAGACACGAGCGGCCCTCAAGGGCTATGTCCCAAGCGCTACCTTTGAGCTGTCT	758
Qy	623	TCTCTCAGGAGACCTCGTCACTGTCATTTGTTGCTCCACAGTTGGCTTAATCAATGTGT	682
Dp	759	ACCCACAGCTGTGAGAGTGGCCCAAGAGCTTTTCCAGATTCGAGGCTCTCTCCCAAGGCA	818
Qy	683	GAAGAGAGAGAGAGAGAGGAGTGTATGTATCAGGTATGTCTCCGTCAGCGAGAAAG	742

Db 819 GCCACTCAGGCTGGGCGACAGTGTATGATCAAGGTATGCTTCATCCAGCGGAAG 878
QY 743 ACAGAGGACGAAGAGTGAAGGCCAGTCAATTAAGGCGCTTGAGAGGCCCTCCGAGCTCAC 802
Db 879 ACAGAGGACGAAGAGTGAAGGCCAGTCAATTAAGGCGCTTGAGAGGCCCTCCGAGCTCAC 938
QY 803 CACGTTGGCCCTGGAGAGACATATACCTTCATTCAGGGGAGAGGCCCAACCACTGACC 862
Db 939 CACGTTGGCCCTGGAGAGACATATACCTTCATTCAGGGGAGAGGCCCAACCACTGACC 998
QY 863 CACGACTCTGCACCCCGA 881
Db 999 CACGACTCTGCACCCCGA 1017

RESULT 8

US-09-924-231-6
; Sequence 6, Application US/09924231
; Patent No. US2002010264A1
; GENERAL INFORMATION:
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: MONTGOMERY, Rebecca I.
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
; FILE REFERENCE: 0290-1
; CURRENT APPLICATION NUMBER: US/09/924,231
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 09/333,279
; PRIOR FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 4622
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-924-231-6

Query Match 64.0%; Score 563.4; DB 10; Length 4622;
Best Local Similarity 99.8%; Pred. No. 3.3e-156;
Matches 564; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CCTGAGGACATGAGACCTCTCTGAGAGCTGGGGGCTCTCCCTGGAGATCCACCCCGAGA 60
Db 56 CCTGAGGACATGAGACCTCTCTGAGAGCTGGGGGCTCTCCCTGGAGATCCACCCCGAGA 115
QY 61 CCGACGCTTTGAGGCTGCTGTATCTCACTTCTGAGAGCCCTGCTACGCCCCAG 120
Db 116 CCGACGCTTTGAGGCTGCTGTATCTCACTTCTGAGAGCCCTGCTACGCCCCAG 175
QY 121 CTCTGCGCTCTGCAAGAGAGAGATACCAGTGGGCTCCGAGTCTGCCCAAGTGA 180
Db 176 CTCTGCGCTCTGCAAGAGAGAGATACCAGTGGGCTCCGAGTCTGCCCAAGTGA 235
QY 181 GTCCAGGTTATCGTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 240
Db 236 GTCCAGGTTATCGTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 295
QY 241 GCCCTCCAGGACCTTACCTTCCACCTCAATGGCTTAAGCAAGTGTCTGAGTGC 300
Db 296 GCCCTCCAGGACCTTACCTTCCACCTCAATGGCTTAAGCAAGTGTCTGAGTGC 355
QY 301 TGTGTGACCCAGCCATGGGCTGCGCGGAGCCGGAACTGCTCCAGACAGAAACCGC 360
Db 356 TGTGTGACCCAGCCATGGGCTGCGCGGAGCCGGAACTGCTCCAGACAGAAACCGC 415
QY 361 TGTGTGTTGAGCCAGGACCTTCTGATCGTCCAGAGCGGGACCACTGCGCGGT 420
Db 416 TGTGTGTTGAGCCAGGACCTTCTGATCGTCCAGAGCGGGACCACTGCGCGGT 475
QY 421 GCCGCGTTACGCACTTCCAGCCCGGAGCAGAGGTTGACAGAGGACCAAGAGTGC 480
Db 476 GCCGCGTTACGCACTTCCAGCCCGGAGCAGAGGTTGACAGAGGACCAAGAGTGC 535

QY 481 AGGACACCTCTGTCTGAAATGCGCCCGGGGACCTTCTCTCCCATGSGAACCTTGAGG 540
Db 536 AGGACACCTCTGTCTGAAATGCGCCCGGGGACCTTCTCTCCCATGSGAACCTTGAGG 595
QY 541 AATGTGACGACGACCAAGTGCAG 565
Db 596 AATGTGACGACGACCAAGTGCAG 620

RESULT 9

US-09-934-289A-29
; Sequence 29, Application US/09934289A
; Patent No. US20020132297A1
; GENERAL INFORMATION:
; APPLICANT: Busfield, Samantha J.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE
; TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
; TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
; FILE REFERENCE: MB1098-061CP1CN1(M)
; CURRENT APPLICATION NUMBER: US/09/934,289A
; CURRENT FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: US 09/342,767
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/146,950
; PRIOR FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 29
; LENGTH: 2313
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (85)...(642)
US-09-934-289A-29

Query Match 63.1%; Score 555.8; DB 10; Length 2313;
Best Local Similarity 99.6%; Pred. No. 5e-154;
Matches 557; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCTGAGGACATGAGACCTCTCTGAGAGCTGGGGGCTCTCCCTGGAGATCCACCCCGAGA 60
Db 77 CCTGAGGACATGAGACCTCTCTGAGAGCTGGGGGCTCTCCCTGGAGATCCACCCCGAGA 136
QY 61 CCGACGCTTTGAGGCTGCTGTATCTCACTTCTGAGAGCCCTGCTACGCCCCAG 120
Db 137 CCGACGCTTTGAGGCTGCTGTATCTCACTTCTGAGAGCCCTGCTACGCCCCAG 196
QY 121 CTCTGCGCTCTGCAAGAGAGAGATACCAGTGGGCTCCGAGTCTGCCCAAGTGA 180
Db 197 CTCTGCGCTCTGCAAGAGAGAGATACCAGTGGGCTCCGAGTCTGCCCAAGTGA 256
QY 181 GTCCAGGTTATCGTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 240
Db 257 GTCCAGGTTATCGTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 316
QY 241 GCCCTCCAGGACCTTACCTTCCACCTCAATGGCTTAAGCAAGTGTCTGAGTGC 300
Db 317 GCCCTCCAGGACCTTACCTTCCACCTCAATGGCTTAAGCAAGTGTCTGAGTGC 376
QY 301 TGTGTGACCCAGCCATGGGCTGCGGGAGCCGGAACTGCTCCAGACAGAAACCGC 360
Db 377 TGTGTGACCCAGCCATGGGCTGCGGGAGCCGGAACTGCTCCAGACAGAAACCGC 436
QY 361 TGTGTGTTGAGCCAGGACCTTCTGATCGTCCAGAGCGGGACCACTGCGCGGT 420
Db 437 TGTGTGTTGAGCCAGGACCTTCTGATCGTCCAGAGCGGGACCACTGCGCGGT 496
QY 421 GCCGCGTTACGCACTTCCAGCCCGGAGCAGAGGTTGACAGAGGACCAAGAGTGC 480
Db 497 GCCGCGTTACGCACTTCCAGCCCGGAGCAGAGGTTGACAGAGGACCAAGAGTGC 556
QY 481 AGGACACCTCTGTCTGAAATGCGCCCGGGGACCTTCTCTCCCATGSGAACCTTGAGG 540

Db 557 AGGACACCTGTGTGCAAGTGCCTCCCGGGGACCTTCTCTCCCAATGGGACCTGGAGG 616
QY 541 AATGTGAGCACCAGACCAA 559
Db 617 AATGTGAGCACCAGACCAA 635

RESULT 10

US-09-934-289A-3
; Sequence 3, Application US/09934289A
; Patent No. US20020132297A1
; GENERAL INFORMATION:
; APPLICANT: Busfield, Samantha J.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE
; TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
; TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
; FILE REFERENCE: MB1098-061CPICN1(M)
; CURRENT APPLICATION NUMBER: US/09/934,289A
; PRIOR FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: US 09/342,767
; PRIOR FILING DATE: 1998-06-29
; PRIOR APPLICATION NUMBER: US 09/146,950
; PRIOR FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 579
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(579)
US-09-934-289A-3

Query Match 62.4%; Score 549.8; DB 10; Length 579;
Best Local Similarity 98.8%; Pred. No. 2.2e-152;
Matches 554; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 9 ATGAGACCTCTCTGAGATGAGGAGGCTCTCTCTCTGAGATCCACCCCGAAGCCGACGTC 68
Db 1 ATGAGACCTCTCTGAGATGAGGAGGCTCTCTCTCTGAGATCCACCCCGAAGCCGACGTC 60
QY 69 TTGAGGCTGTGTATATCTCACTTCTCTGAGAGCCCTCTGACTACGCCAGCTGTGCGG 128
Db 61 TTGAGGCTGTGTATATCTCACTTCTCTGAGAGCCCTCTGACTACGCCAGCTGTGCGG 120
QY 129 TCTTCAAGAGAGACGAGTACCACTGAGGCTCTGAGTGTGCTGCCCAAGTGACAGTCCAGT 188
Db 121 TCTTCAAGAGAGACGAGTACCACTGAGGCTCTGAGTGTGCTGCCCAAGTGACAGTCCAGT 180
QY 189 TATCGTGTGAAGAGAGGCTGTGCGGAGAGTGAACGGGACAGTGTGAACCTTGCCTTCA 248
Db 181 TATCGTGTGAAGAGAGGCTGTGCGGAGAGTGAACGGGACAGTGTGAACCTTGCCTTCA 240
QY 249 GGCACCTAATTGCTCCACTCAATGAGCTTAAGCAAGTGTCTGAGTGCCTCAATGTGTGAC 308
Db 241 GGCACCTAATTGCTCCACTCAATGAGCTTAAGCAAGTGTCTGAGTGCCTCAATGTGTGAC 300
QY 309 CCAAGCATGGGCTGTGCGGAGAGCCGGAACCTGCTCCAGACAGAGAACGCGTGTGTGT 368
Db 301 CCAAGCATGGGCTGTGCGGAGAGCCGGAACCTGCTCCAGACAGAGAACGCGTGTGTGT 360
QY 369 TGCAGCCAGGCGCACTTGTGATGTCTCCAGACAGAGAACGCGTGTGTGTGT 428
Db 361 TGCAGCCAGGCGCACTTGTGATGTCTCCAGACAGAGAACGCGTGTGTGTGT 420
QY 429 TACGCACTCTCAGCCCGGCGCAGAGAGGTGAGAGAGGAGCAGCAGAGTCCAGACACC 488
Db 421 TACGCACTCTCAGCCCGGCGCAGAGAGGTGAGAGAGGAGCAGCAGAGTCCAGACACC 480
QY 489 CTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGGAGGAATGTTCAG 548
Db 481 CTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGGAGGAATGTTCAG 540

Db 481 CTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGGAGGAATGTTCAG 540
QY 549 CACGAGACCAAGTGCAGCTGG 569
Db 541 CACGAGACCAAGTGCAGCTGG 561

RESULT 11

US-09-934-289A-19
; Sequence 19, Application US/09934289A
; Patent No. US20020132297A1
; GENERAL INFORMATION:
; APPLICANT: Busfield, Samantha J.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE
; TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
; TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
; FILE REFERENCE: MB1098-061CPICN1(M)
; CURRENT APPLICATION NUMBER: US/09/934,289A
; PRIOR FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: US 09/342,767
; PRIOR FILING DATE: 1998-06-29
; PRIOR APPLICATION NUMBER: US 09/146,950
; PRIOR FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 591
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(591)
US-09-934-289A-19

Query Match 62.3%; Score 549.2; DB 10; Length 591;
Best Local Similarity 99.5%; Pred. No. 3.3e-152;
Matches 551; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ATGAGACCTCTCTGAGATGAGGAGGCTCTCTCTCTGAGATCCACCCCGAAGCCGACGTC 68
Db 1 ATGAGACCTCTCTGAGATGAGGAGGCTCTCTCTCTGAGATCCACCCCGAAGCCGACGTC 60
QY 69 TTGAGGCTGTGTATATCTCACTTCTCTGAGAGCCCTCTGACTACGCCAGCTGTGCGG 128
Db 61 TTGAGGCTGTGTATATCTCACTTCTCTGAGAGCCCTCTGACTACGCCAGCTGTGCGG 120
QY 129 TCTTCAAGAGAGACGAGTACCACTGAGGCTCTGAGTGTGCTGCCCAAGTGACAGTCCAGT 188
Db 121 TCTTCAAGAGAGACGAGTACCACTGAGGCTCTGAGTGTGCTGCCCAAGTGACAGTCCAGT 180
QY 189 TATCGTGTGAAGAGAGGCTGTGCGGAGAGTGAACGGGACAGTGTGAACCTTGCCTTCA 248
Db 181 TATCGTGTGAAGAGAGGCTGTGCGGAGAGTGAACGGGACAGTGTGAACCTTGCCTTCA 240
QY 249 GGCACCTAATTGCTCCACTCAATGAGCTTAAGCAAGTGTCTGAGTGCCTCAATGTGTGAC 308
Db 241 GGCACCTAATTGCTCCACTCAATGAGCTTAAGCAAGTGTCTGAGTGCCTCAATGTGTGAC 300
QY 309 CCAAGCATGGGCTGTGCGGAGAGCCGGAACCTGCTCCAGACAGAGAACGCGTGTGTGT 368
Db 301 CCAAGCATGGGCTGTGCGGAGAGCCGGAACCTGCTCCAGACAGAGAACGCGTGTGTGT 360
QY 369 TGCAGCCAGGCGCACTTGTGATGTCTCCAGACAGAGAACGCGTGTGTGTGT 428
Db 361 TGCAGCCAGGCGCACTTGTGATGTCTCCAGACAGAGAACGCGTGTGTGTGT 420
QY 429 TACGCACTCTCAGCCCGGCGCAGAGAGGTGAGAGAGGAGCAGCAGAGTCCAGACACC 488
Db 421 TACGCACTCTCAGCCCGGCGCAGAGAGGTGAGAGAGGAGCAGCAGAGTCCAGACACC 480
QY 489 CTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGGAGGAATGTTCAG 548
Db 481 CTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGGAGGAATGTTCAG 540

QY 549 CACCAGACCAAGTG 562
Db 541 CACCAGACCAATTG 554

RESULT 12

US-09-934-289A-31
; Sequence 31, Application US/09934289A
; Patent No. US20020132297A1
; GENERAL INFORMATION:
; APPLICANT: Busfield, Samantha J.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE
; TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
; FILE REFERENCE: MB1098-061CPCN1(M)
; CURRENT APPLICATION NUMBER: US/09/934,289A
; PRIOR FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: US 09/342,767
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: US 09/146,950
; PRIOR FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 31
; LENGTH: 558
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(558)
US-09-934-289A-31

Query Match 62.2%; Score 547.8; DB 10; Length 558;
Best Local Similarity 99.6%; Pred. No. 8.4e-152;
Matches 549; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 9 ATGAGAGCTCTGTGAGAGCTGGGGGCTCTCTCTGTGAGAGTACACCCCAAGACGAGTCT 68
Db 1 ATGAGAGCTCTGTGAGAGCTGGGGGCTCTCTCTGTGAGAGTACACCCCAAGACGAGTCT 60
69 TTGAGAGCTGTGTCTGTATCTCACTTCTGTGAGAGCTCTCTGTGAGAGTACACCCCAAGTCTGCG 128
Db 61 TCGAGAGCTGTGTCTGTATCTCACTTCTGTGAGAGCTCTCTGTGAGAGTACACCCCAAGTCTGCG 120
QY 129 TCTGTGAGAGAGAGAGAGTACAGTACAGTACAGTACAGTACAGTACAGTACAGTACAGT 188
Db 121 TCTGTGAGAGAGAGAGAGTACAGTACAGTACAGTACAGTACAGTACAGTACAGTACAGT 180
QY 189 TATGTGTGAGAGAGAGAGTACAGTACAGTACAGTACAGTACAGTACAGTACAGTACAGT 248
Db 181 TATGTGTGAGAGAGAGAGTACAGTACAGTACAGTACAGTACAGTACAGTACAGTACAGT 240
QY 249 GGCACCTACATTTGGCCACCTCAATGAGTACAGTACAGTACAGTACAGTACAGTACAGTAC 308
Db 241 GGCACCTACATTTGGCCACCTCAATGAGTACAGTACAGTACAGTACAGTACAGTACAGTAC 300
QY 309 CCAGCCATGGGCTGTGCGCGAGCGAGTCTTCCAGAGACAGAAAGCGCTGTGTGT 368
Db 301 CCAGCCATGGGCTGTGCGCGAGCGAGTCTTCCAGAGACAGAAAGCGCTGTGTGTGT 360
QY 369 TGCAGAGCCAGAGCCATTTGTGATGTGTCAGAGACGGGAGCCATGCGCGCTGTGCGGCT 428
Db 361 TGCAGAGCCAGAGCCATTTGTGATGTGTCAGAGACGGGAGCCATGCGCGCTGTGCGGCT 420
QY 429 TACCCACCTTCCAGAGCCAGAGAGTGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 488
Db 421 TACCCACCTTCCAGAGCCAGAGAGTGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
QY 489 CTGTGTGAGAACTGCCCCCGGGAGCTTCTTCTCCAAATGGGAGCTTGTGAGAAATGTCTAG 548
Db 481 CTGTGTGAGAACTGCCCCCGGGAGCTTCTTCTCCAAATGGGAGCTTGTGAGAAATGTCTAG 540

QY 549 CACCAGACCAA 559
Db 541 CACCAGACCAA 551

RESULT 13

US-09-918-995-3536
; Sequence 3536, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: Hyeeg, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3536
; LENGTH: 447
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-995-3536

Query Match 48.9%; Score 431.2; DB 11; Length 447;
Best Local Similarity 99.1%; Pred. No. 2.3e-117;
Matches 444; Conservative 0; Mismatches 3; Indels 1; Gaps 1;

QY 326 CGGAGCCCGGAAGTCTCTCCAGAGACAGAGAAAGCGGTGTGTGTGAGAGCCAGAGCACTT 385
Db 1 CGGAGCCCGGAAGTCTCTCCAGAGACAGAGAAAGCGGTGTGTGTGAGAGCCAGAGCACTT 60
QY 386 CTGCATCTGTCCAGAGAGGGAGACCACTGCGCGGTGCGCGCTTACGCCACTTCCAGGCC 445
Db 61 CTGCATCTGTCCAGAGAGGGAGACCACTGCGCGGTGCGCGCTTACGCCACTTCCAGGCC 120
QY 446 GGGCCAGAGGGTGCAG 505
Db 121 GGGCCAGAGGGTGCAG 180
QY 506 CCGGGGGAGCTTCTCTCCAGTGGAGCCCTGTGAGAGATGCACACAGAGCAAGTGCAG 565
Db 181 CCGGGGGAGCTTCTCTCCAGTGGAGCCCTGTGAGAGATGCACACAGAGCAAGTGCAG 240
QY 566 CTGGCTGTGACAG 625
Db 241 CTGGCTGTGACAG 299
QY 626 CTGAGGGAGCTTGTCTATCTGTTTGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 685
Db 300 CTGAGGGAGCTTGTCTATCTGTTTGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 359
QY 686 AAG 745
Db 360 AAG 745
QY 746 GAG 773
Db 420 GAG 447

RESULT 14

US-09-783-590-9218
; Sequence 9218, Application US/09783590
; Patent No. US20020110850A1
; GENERAL INFORMATION:
; APPLICANT: Dillon, Patrick J.
; APPLICANT: Haseltine, William A.
; APPLICANT: Li, Haodong
; APPLICANT: Rosen, Craig A.
; APPLICANT: Ruben, Steven M.

FILE REFERENCE: PO-16.2C1
CURRENT APPLICATION NUMBER: US/09/783,590
PRIOR FILING DATE: 2000-02-15
PRIOR APPLICATION NUMBER: 08/420,856
PRIOR FILING DATE: 1995-04-12
PRIOR APPLICATION NUMBER: 08/346,731
PRIOR FILING DATE: 1994-11-21
NUMBER OF SEQ ID NOS: 12485
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 9218
LENGTH: 402
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (249)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (270)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (330)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (380)
OTHER INFORMATION: n equals a,t,g, or c
US-09-783-590-9218

Query Match 42.7%; Score 375.8; DB 10; Length 402;
Best Local Similarity 98.4%; Pred. No. 5.3e-101;
Matches 377; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

499 ACTGCCCCCGGAGACCTTCTCCCAATGGGACCCCTGGAGGAAATCCAGACCAACCA 558
18 AATGCCCCCGGAGACCTTCTCCCAATGGGACCCCTGGAGGAAATCCAGACCAACCA 77
559 AGTGCAGCTGGCTGTGTACGAAAGCCGAGCTGGGACCAAGCTCCCACTGGATGCT 618
78 AGTGCAGCTGGCTGTGTACGAAAGCCGAGCTGGGACCAAGCTCCCACTGGATGCT 137
619 GGTTCCTTCAGGAGACCTGTATGTCTATTTGCTCCACAGTTGACCTTAATCAT 678
138 GGTTCCTTCAGGAGACCTGTATGTCTATTTGCTCCACAGTTGACCTTAATCAT 197
679 GTGTAAAGAGAGAGGAGGAGGAGTGTAGTGTAGTGTAGTGTAGTGTAGTGTAGTGT 738
198 GTGTAAAGAGAGAGGAGGAGGAGTGTAGTGTAGTGTAGTGTAGTGTAGTGTAGTGT 257
739 AAAGACAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 798
258 AAAGACAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 317
799 TCACCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 858
318 TCACCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 377
859 GACCCACAGACTTGTGACCCCGA 881
378 GANCAACAGACTTGTGACCCCGA 400

RESULT 15
US-09-783-590-11975
Sequence 11975, Application US/09783590
Patent No. US2002010850A1
GENERAL INFORMATION:
APPLICANT: Dillon, Patrick J.
APPLICANT: Haseltine, William A.
APPLICANT: Li, Haodong
APPLICANT: Rosen, Craig A.
APPLICANT: Ruben, Steven M.
TITLE OF INVENTION: Human Genes, Sequences, and Expression Products 16.2

FILE REFERENCE: PO-16.2C1
CURRENT APPLICATION NUMBER: US/09/783,590
PRIOR FILING DATE: 2000-02-15
PRIOR APPLICATION NUMBER: 08/420,856
PRIOR FILING DATE: 1995-04-12
PRIOR APPLICATION NUMBER: 08/346,731
PRIOR FILING DATE: 1994-11-21
NUMBER OF SEQ ID NOS: 12485
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 11975
LENGTH: 350
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (83)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (125)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (130)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (310)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (328)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (333)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (337)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (340)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (345)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (350)
OTHER INFORMATION: n equals a,t,g, or c
US-09-783-590-11975

Query Match 19.3%; Score 170.4; DB 10; Length 350;
Best Local Similarity 87.5%; Pred. No. 2.6e-40;
Matches 286; Conservative 0; Mismatches 28; Indels 13; Gaps 9;

18 CCGAGAGCTGGGGGCTCCCTCCGAGATCCACCCCAAGACGAGCTTTGAGGCTG 77
12 CCGAGAGCTGGGGGCTCCCTCCGAGATCCACCCCAAGACGAGCTTTGAGGCTG 71
78 GTGCTGTATTCACCTTCTGGAGAGCCCTGCTACGCCCCAGCTCTCCGCTGCAAG 137
72 GTGCTGTATTCACCTTCTGGAGAGCCCTGCTACGCCCCAGCTCTCCGCTGCAAG 131
138 GA-GGACGAGTACCCAGT-GGGCTCCGAGTCTGCCCCCAAGTG-CAGTCCAGTTATGCT 194
132 AAGGACGAGTACCCAGTGGGGCTCCGAGTCTGCCCCCAAGTCCAGTTCAGTTATGCT 191
195 GTGAAGG-AGGCTTGGGGGAGCTGACGGG-----CACAGTGTGAACCTTCCCTCCAG 249
192 GTGAAGGAGGCTTGGGGGAGCTGTACGGGGCAAGTGTGAACCTTCCCTCCAG 251
250 GCACC-TACATTGGCCACC-TCAATGGCTTAA--GCAAGTGTGCAAGTGCCTAATGTG- 304
252 GCACCTTACATTGCTCCACCTTCAATGAGCTTAAAGCAAGTTTTCAGAGTCCAAATGNT 311
305 TGACCCAGCCATGGGCTTGGCGCGAG 331
312 TGACCCAGCCATGGGCTTGGCGCGAG 338

Mon Nov 24 10:05:41 2003

us-08-741-095b-25.rnpb

Page 10

Search completed: November 22, 2003, 02:04:02
Job time : 357 secs

Searches run against the Nucleic Acid Pending database produce two sets of results, with the extensions, `.rmpm` and `.rmpm`. Searches run against the Amino Acid Pending database produce two sets of results, with the extensions, `.rapm` and `.rapm`.

The Pending database search results should not be left in the case because they contain data that is confidential.

5:	/cgn2_6/prodata/1/pna/us091b COMB.seq.*
6:	/cgn2_6/prodata/1/pna/us091b COMB.seq.*
7:	/cgn2_6/prodata/1/pna/us082 COMB.seq.*
8:	/cgn2_6/prodata/1/pna/us083 COMB.seq.*
9:	/cgn2_6/prodata/1/pna/us084 COMB.seq.*
10:	/cgn2_6/prodata/1/pna/us085 COMB.seq.*
11:	/cgn2_6/prodata/1/pna/us086 COMB.seq.*
12:	/cgn2_6/prodata/1/pna/us087 COMB.seq.*
13:	/cgn2_6/prodata/1/pna/us088 COMB.seq.*
14:	/cgn2_6/prodata/1/pna/us089 COMB.seq.*
15:	/cgn2_6/prodata/1/pna/us090 COMB.seq.*
16:	/cgn2_6/prodata/1/pna/us091 COMB.seq.*
17:	/cgn2_6/prodata/1/pna/us092a COMB.seq.*
18:	/cgn2_6/prodata/1/pna/us092b COMB.seq.*
19:	/cgn2_6/prodata/1/pna/us093a COMB.seq.*
20:	/cgn2_6/prodata/1/pna/us093b COMB.seq.*
21:	/cgn2_6/prodata/1/pna/us094 COMB.seq.*
22:	/cgn2_6/prodata/1/pna/us095a COMB.seq.*
23:	/cgn2_6/prodata/1/pna/us095b COMB.seq.*
24:	/cgn2_6/prodata/1/pna/us095c COMB.seq.*
25:	/cgn2_6/prodata/1/pna/us095d COMB.seq.*
26:	/cgn2_6/prodata/1/pna/us096a COMB.seq.*
27:	/cgn2_6/prodata/1/pna/us096b COMB.seq.*
28:	/cgn2_6/prodata/1/pna/us096c COMB.seq.*
29:	/cgn2_6/prodata/1/pna/us096d COMB.seq.*
30:	/cgn2_6/prodata/1/pna/us096e COMB.seq.*
31:	/cgn2_6/prodata/1/pna/us097a COMB.seq.*
32:	/cgn2_6/prodata/1/pna/us097b COMB.seq.*
33:	/cgn2_6/prodata/1/pna/us097c COMB.seq.*
34:	/cgn2_6/prodata/1/pna/us098a COMB.seq.*
35:	/cgn2_6/prodata/1/pna/us098b COMB.seq.*
36:	/cgn2_6/prodata/1/pna/us098c COMB.seq.*
37:	/cgn2_6/prodata/1/pna/us098d COMB.seq.*
38:	/cgn2_6/prodata/1/pna/us099a COMB.seq.*
39:	/cgn2_6/prodata/1/pna/us099b COMB.seq.*
40:	/cgn2_6/prodata/1/pna/us099c COMB.seq.*
41:	/cgn2_6/prodata/1/pna/us099d COMB.seq.*
42:	/cgn2_6/prodata/1/pna/us099e COMB.seq.*
43:	/cgn2_6/prodata/1/pna/us099f COMB.seq.*

```

79: /cgn2_6/ptodata/1/pna/US6025_COMB.seq.*
80: /cgn2_6/ptodata/1/pna/US6025_COMB.seq.*
81: /cgn2_6/ptodata/1/pna/US6026_COMB.seq.*
82: /cgn2_6/ptodata/1/pna/US6027_COMB.seq.*
83: /cgn2_6/ptodata/1/pna/US6028_COMB.seq.*
84: /cgn2_6/ptodata/1/pna/US6029_COMB.seq.*
85: /cgn2_6/ptodata/1/pna/US6030_COMB.seq.*
86: /cgn2_6/ptodata/1/pna/US6031_COMB.seq.*
87: /cgn2_6/ptodata/1/pna/US6032_COMB.seq.*
88: /cgn2_6/ptodata/1/pna/US6033_COMB.seq.*
89: /cgn2_6/ptodata/1/pna/US6034_COMB.seq.*
90: /cgn2_6/ptodata/1/pna/US6035_COMB.seq.*
91: /cgn2_6/ptodata/1/pna/US6036_COMB.seq.*
92: /cgn2_6/ptodata/1/pna/US6037_COMB.seq.*
93: /cgn2_6/ptodata/1/pna/US6038_COMB.seq.*
94: /cgn2_6/ptodata/1/pna/US6039_COMB.seq.*
95: /cgn2_6/ptodata/1/pna/US6040_COMB.seq.*
96: /cgn2_6/ptodata/1/pna/US6041_COMB.seq.*
97: /cgn2_6/ptodata/1/pna/US6042_COMB.seq.*
98: /cgn2_6/ptodata/1/pna/US6043_COMB.seq.*
99: /cgn2_6/ptodata/1/pna/US6044_COMB.seq.*
100: /cgn2_6/ptodata/1/pna/US6045_COMB.seq.*
101: /cgn2_6/ptodata/1/pna/US6046_COMB.seq.*
102: /cgn2_6/ptodata/1/pna/US6047_COMB.seq.*

```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Result No.	Score	Query Match	Length	DB	ID	Description
1	881	100.0	881	1	PCT-US95-05058-1	Sequence 1, Appl1
2	881	100.0	881	2	PCT-US95-05058-1	Sequence 1, Appl1
3	881	100.0	881	9	US-08-462-315-1	Sequence 1, Appl1
4	881	100.0	881	9	US-08-462-962-1	Sequence 1, Appl1

THIS PAGE BLANK (USPTO)

5	881	100.0	881	9	US-08-464-595-1
6	881	100.0	881	12	US-08-741-095A-25
7	881	100.0	881	12	US-08-741-095E-25
8	881	100.0	881	19	US-09-340-690-25
9	881	100.0	881	23	US-09-533-862-25
10	879.4	99.8	1049	37	US-09-882-636-45
11	879.4	99.8	1049	37	US-09-886-342-55
12	879.4	99.8	1631	98	US-60-438-735-56
13	879.4	99.8	1704	1	PCT-US03-10955-1
14	879.4	99.8	1704	1	PCT-US96-18540-1
15	879.4	99.8	1704	2	PCT-US03-10955-1
16	879.4	99.8	1704	2	PCT-US96-18540-1
17	879.4	99.8	1704	12	US-08-741-095-1
18	879.4	99.8	1704	12	US-08-741-095A-1
19	879.4	99.8	1704	12	US-08-741-095E-1
20	879.4	99.8	1704	12	US-09-340-690-1
21	879.4	99.8	1704	21	US-09-403-815-1
22	879.4	99.8	1704	42	US-10-020-787-1
23	879.4	99.8	1704	52	US-10-410-443-1
24	879.4	99.8	1704	66	US-60-125-683-1
25	879.4	99.8	1704	67	US-60-135-169-1
26	879.4	99.8	1724	1	PCT-US02-29560-117
27	879.4	99.8	1724	1	PCT-US99-20180-14
28	879.4	99.8	1724	2	PCT-US99-20180-14
29	879.4	99.8	1724	19	US-09-342-767-14
30	879.4	99.8	1724	39	US-09-924-831-1
31	879.4	99.8	1724	39	US-09-924-829A-14
32	879.4	99.8	1724	41	US-10-245-882-117
33	879.4	99.8	1724	51	US-10-369-900-1
34	879.4	99.8	1724	51	US-60-358-463-1
35	879.4	99.8	1724	92	US-09-513-991-2965
36	879.4	99.8	1708	52	US-10-405-027-2675
37	877.8	99.6	1555	47	US-10-170-235-507
38	877.8	99.6	1558	47	US-10-170-235-83
39	877.8	99.6	1661	47	US-10-170-235-504
40	877.8	99.6	1704	23	US-09-533-862-1
41	877.8	99.6	1707	40	US-09-919-016-2100
42	877.8	99.6	1930	47	US-10-170-235-84
43	877.8	99.6	2199	33	US-09-760-455-34
44	877.8	99.6	2199	33	US-09-760-485-431
45	877.8	99.6	2199	46	US-10-143-906-34

ALIGNMENTS

[illegible]

RESULT 1
PCT-US95-05058-1
Sequence 1, Application PC/TUS95050508
GENERAL INFORMATION:
APPLICANT: NI, ET AL.
TITLE OF INVENTION: Tumor Necrosis Factor Receptors
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05058
FILING DATE: Concurrently
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:

```

1  ATTORNEY/AGENT INFORMATION:
2  NAME:  PERRARO, GREGORY D.
3  REGISTRATION NUMBER: 36,134
4  REFERENCE/DOCKET NUMBER: 325800-255
5  TELECOMMUNICATION INFORMATION:
6  TELEPHONE: 201-994-1700
7  TELEFAX: 201-994-1744
8  INFORMATION FOR SEQ ID NO: 1:
9  SEQUENCE CHARACTERISTICS:
10  LENGTH: 861 BASE PAIRS
11  TYPE:  NUCLEIC ACID
12  STRANDEDNESS:  SINGLE
13  TOPOLOGY:  LINEAR
14  MOLECULE TYPE:  CDNA
15  PCT-US95-05058-1

```

Query Match	100.0%;	Score 881;	DB 1;	Length 881;
Best Local Similarity	100.0%;	Pred. No. 7, 9e-199;		
Matches	881;	Conservative	0;	Mismatches 0;
			Indels	0;
			Gaps	0;
Qy	1	CCTGAGGCATGAGACCTCTCTGAGACTGAGGAGGCTCTCTCTCTGAGATTCACCCCTCAGAA	60	
Db	1	CCTGAGGCATGAGACCTCTCTGAGACTGAGGAGGCTCTCTCTCTGAGATTCACCCCTCAGAA	60	
Qy	61	CCGACGCTCTTGAAGCTTGGTCTGTATATCTCACTTCTCTGGGAGCCCCCTGTAGGCCCCAG	120	
Db	61	CCGACGCTCTTGAAGCTTGGTCTGTATATCTCACTTCTCTGGGAGCCCCCTGTAGGCCCCAG	120	
Qy	121	CTGACGCGTCTGAGAGAGAGACAGAGAACCACTGAGGAGCTCCGAGTGTCTCCCAAAGTGCA	180	
Db	121	CTGACGCGTCTGAGAGAGAGACAGAGAACCACTGAGGAGCTCCGAGTGTCTCCCAAAGTGCA	180	
Qy	181	GTCACGGTTATTCGTGTAGAGAGAGGCTGCGGAGAGCTGACGAGCAACAGTGTGAACCTT	240	
Db	181	GTCACGGTTATTCGTGTAGAGAGAGGCTGCGGAGAGCTGACGAGCAACAGTGTGAACCTT	240	
Qy	241	GCCCTCAGAGCACTTAATGTGCCCACTCAATGCGCTAAGCAATGTCTGAGTGGCCAAA	300	
Db	241	GCCCTCAGAGCACTTAATGTGCCCACTCAATGCGCTAAGCAATGTCTGAGTGGCCAAA	300	
Qy	301	TGTGTGACCCAGCCATGAGGCTTGCGCGCAGCCCGAACTGTCTCAGACACAGAACCGCG	360	
Db	301	TGTGTGACCCAGCCATGAGGCTTGCGCGCAGCCCGAACTGTCTCAGACACAGAACCGCG	360	
Qy	361	TGTGTGTTGTCAGGCCCACTTCTGTGCATTCGTTCAGAGACGGGGACCACTGCGCCCGGT	420	
Db	361	TGTGTGTTGTCAGGCCCACTTCTGTGCATTCGTTCAGAGACGGGGACCACTGCGCCCGGT	420	
Qy	421	GCGCGCTTTCAGCCACTCCAGACCCCGGAGCCAGAGGGTGACAGAAAGGAGGACCCGAGAGTC	480	
Db	421	GCGCGCTTTCAGCCACTCCAGACCCCGGAGCCAGAGGGTGACAGAAAGGAGGACCCGAGAGTC	480	
Qy	481	AGGACACCCCTGTGTACAGAACTGCCCCCGGAGACCTTCTCTCCCAATGGAGCCCTGAGAG	540	
Db	481	AGGACACCCCTGTGTACAGAACTGCCCCCGGAGACCTTCTCTCCCAATGGAGCCCTGAGAG	540	
Qy	541	AATGTACGACACAGACCAATGTCAGCTGTGTGTGAGAGGACCGGAGCTGGAGACAGCA	600	
Db	541	AATGTACGACACAGACCAATGTCAGCTGTGTGTGAGAGGACCGGAGCTGGAGACAGCA	600	
Qy	601	GCTCCCACTGGGATATGTTGTTCTCTCAGGAGACCTCGTATGTGATATGTTTGGCTCA	660	
Db	601	GCTCCCACTGGGATATGTTGTTCTCTCAGGAGACCTCGTATGTGATATGTTTGGCTCA	660	
Qy	661	CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCCAAAGGGGTGATGTAGTCAAGTGA	720	
Db	661	CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCCAAAGGGGTGATGTAGTCAAGTGA	720	
Qy	721	TTCGTCCTCCGTCAGCGGAGAAAGACAGAGGACAGAAAGGTGAGGACCAAGTCAATTAGGCC	780	
Db	721	TTCGTCCTCCGTCAGCGGAGAAAGACAGAGGACAGAAAGGTGAGGACCAAGTCAATTAGGCC	780	
Qy	781	TGCAGGCGCCTCCGAGAGTCAACAAGGTGACCGTGTGAGAGACATAACCTCATTCACGG	840	

THIS PAGE BLANK (USPTO)

Db 781 TGAGGCCCCCTCCGAGCGTCACACCGTGGCCGTGAGAGACAAATACCTCATTCACCG 840
 QY 841 GGAGAGACCCAAACCACTGACCCACAGACTCTGACACCCCA 881
 Db 841 GGAGAGACCCAAACCACTGACCCACAGACTCTGACACCCCA 881

RESULT 2
 PCT-US95-05058-1

Sequence 1, Application PC/TUS9505058
 GENERAL INFORMATION:
 APPLICANT: NI, ET AL.
 TITLE OF INVENTION: Tumor Necrosis Factor Receptors
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELIA, BYRNE, BAIN, GILFILLAN,
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07068
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/05058
 FILING DATE: Concurrently
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING AGENT:
 ATTORNEY/AGENT INFORMATION:
 NAME: FERRARO, GREGORY D.
 REGISTRATION NUMBER: 36,134
 REFERENCE/DOCKET NUMBER: 325800-255
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEFAX: 201-994-1744
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 881 BASE PAIRS
 TYPE: NUCLEIC ACID
 STRANDEDNESS: SINGLE
 TOPOLOGY: LINEAR
 MOLBCULE TYPE: CDNA
 PCT-US95-05058-1

Query Match 100.0%; Score 881; DB 2; Length 881;
 Best Local Similarity 100.0%; Pred. No. 7.9e-199;
 Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTGAGGACATGAGCCTCTCTGAGAGCTGAGGCGCTCTCTCTGAGATCCACCCCAAGA 60
 Db 1 CCTGAGGACATGAGCCTCTCTGAGAGCTGAGGCGCTCTCTCTGAGATCCACCCCAAGA 60
 QY 61 CCGAGCTCTTGAAGCTGTGTCTGATCTGACCTTCTCTGAGAGCCCTCTGCTAAGCCCGAG 120
 Db 61 CCGAGCTCTTGAAGCTGTGTCTGATCTGACCTTCTCTGAGAGCCCTCTGCTAAGCCCGAG 120
 QY 121 CTCCTGCGCTCTGCAAGAGAGAGAGTACCCAGTGGGCTCCAGAGTGTCTGCCCAAGTGA 180
 Db 121 CTCCTGCGCTCTGCAAGAGAGAGAGTACCCAGTGGGCTCCAGAGTGTCTGCCCAAGTGA 180
 QY 181 GTCCAGGTATCGTGTGAAGAGAGGCTGCGGAGAGTGAACAGTGTGAACCT 240
 Db 181 GTCCAGGTATCGTGTGAAGAGAGGCTGCGGAGAGTGAACAGTGTGAACCT 240
 QY 241 GCGCTTCAGGACCTTACATTCGCCCACTCAATGSCCTTAAGCAAGTGTCTGACAGTCCAAA 300

Db 241 GCGCTTCAGGACCTTACATTCGCCCACTCAATGSCCTTAAGCAAGTGTCTGACAGTCCAAA 300
 QY 301 TGTGTGACCCAGCAGATGAGGCTGTGCGCGAGCGCGGAACTGTCTCCAGAGACAGAAACGCCG 360
 Db 301 TGTGTGACCCAGCAGATGAGGCTGTGCGCGAGCGCGGAACTGTCTCCAGAGACAGAAACGCCG 360
 QY 361 TGTGTGATTTGACGCCAGGCGCACTTCTGATGTGTCAAGAGCGGGAGCACTGCGCGCGCT 420
 Db 361 TGTGTGATTTGACGCCAGGCGCACTTCTGATGTGTCAAGAGCGGGAGCACTGCGCGCGCT 420
 QY 421 GCGCGGCTTACGCCCACTTCCAGCCCGGCGCGAGAGGTGTCAAGAGGAGCGCACCGAGAGTC 480
 Db 421 GCGCGGCTTACGCCCACTTCCAGCCCGGCGCGAGAGGTGTCAAGAGGAGCGCACCGAGAGTC 480
 QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCATGAGGACCTCGAGG 540
 Db 481 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCATGAGGACCTCGAGG 540
 QY 541 AATGTACAGCAGACAGCAAGTGCAGCTGCTGTGTGACAGAGCCCGAGCTGGAGACAGCA 600
 Db 541 AATGTACAGCAGACAGCAAGTGCAGCTGCTGTGTGACAGAGCCCGAGCTGGAGACAGCA 600
 QY 601 GCTCCCACTGGGATGTGTGTTTCTCTCAGGAGCCTGTGTATGCTCATTTGTTGCTCCA 660
 Db 601 GCTCCCACTGGGATGTGTGTTTCTCTCAGGAGCCTGTGTATGCTCATTTGTTGCTCCA 660
 QY 661 CAGTTGGCTTATCATATGTGTGAAGAAAGAACCAAGGGGTATGTAGTCAAGGTGA 720
 Db 661 CAGTTGGCTTATCATATGTGTGAAGAAAGAACCAAGGGGTATGTAGTCAAGGTGA 720
 QY 721 TCGTCTCCGTCAGCGGAAAAGACAGAGAGAGAGAGGAGCCACAGTATTGAGGCC 780
 Db 721 TCGTCTCCGTCAGCGGAAAAGACAGAGAGAGAGAGGAGCCACAGTATTGAGGCC 780
 QY 781 TCGAGGCCCCCTCCGAGCTCACACGCTGGCCGCTGTGAGAGACAAATACCTCATTCACGG 840
 Db 781 TCGAGGCCCCCTCCGAGCTCACACGCTGGCCGCTGTGAGAGACAAATACCTCATTCACGG 840
 QY 841 GGAGAGACCCAAACCACTGACCCACAGACTCTGACACCCCA 881
 Db 841 GGAGAGACCCAAACCACTGACCCACAGACTCTGACACCCCA 881

RESULT 3
 US-08-462-315-1

Sequence 1, Application US/08462315
 GENERAL INFORMATION:
 APPLICANT: NI, ET AL.
 TITLE OF INVENTION: Tumor Necrosis Factor Receptors
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELIA, BYRNE, BAIN, GILFILLAN,
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07068
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/462,315
 FILING DATE: June 5, 1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/05058
 FILING DATE: 27 APR 95
 ATTORNEY/AGENT INFORMATION:
 NAME: FERRARO, GREGORY D.
 REGISTRATION NUMBER: 36,134

REFERENCE/DOCKET NUMBER: 325800-421
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 881 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: CDNA
US-08-462-315-1

Query Match 100.0%; Score 881; DB 9; Length 881;
Best Local Similarity 100.0%; Pred. No. 7.9e-199;
Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTGAGGCGATGAGACCTCTGAGAGACTGGGGGCTCTCTCCCTGAGATCCACCCCGAGAA 60
DB 1 CCTGAGGCGATGAGACCTCTGAGAGACTGGGGGCTCTCTCCCTGAGATCCACCCCGAGAA 60

QY 61 CCGACGCTTGAGGCTGATGATCTCACTTCTCTGGAGCCCTGCTAGCCGCCAG 120
DB 61 CCGACGCTTGAGGCTGATGATCTCACTTCTCTGGAGCCCTGCTAGCCGCCAG 120

QY 121 CTCTGCCGCTCTGAGAGAGACGAGTACCAGTGGCTCCGAGTGTCTGCCCAAGTGA 180
DB 121 CTCTGCCGCTCTGAGAGAGACGAGTACCAGTGGCTCCGAGTGTCTGCCCAAGTGA 180

QY 181 GTCCAGTTATCTGTGAAGAGGCTGGGGAGCTGACGGGACACAGTGTGAACCTT 240
DB 181 GTCCAGTTATCTGTGAAGAGGCTGGGGAGCTGACGGGACACAGTGTGAACCTT 240

QY 241 GCCCTCCAGGCACTTACATTCGCCCACTCAATGGCTTAAGAAATGTCTGAGTCCAAA 300
DB 241 GCCCTCCAGGCACTTACATTCGCCCACTCAATGGCTTAAGAAATGTCTGAGTCCAAA 300

QY 301 TGTGTGACCAAGCCATGGGCTGGCGCGAGCCGGAACCTGCTCCAGAGACAGAACCCG 360
DB 301 TGTGTGACCAAGCCATGGGCTGGCGCGAGCCGGAACCTGCTCCAGAGACAGAACCCG 360

QY 361 TGTGTGTTGAGGCGGCACTTTCGATCTGTCAGAGACGGGACACACTGGCGCGCT 420
DB 361 TGTGTGTTGAGGCGGCACTTTCGATCTGTCAGAGACGGGACACACTGGCGCGCT 420

QY 421 GCCGCGCTTACGACCTCCAGCCCGGAGCAGAGGTGACAGAGGAGGACCGAGAGTC 480
DB 421 GCCGCGCTTACGACCTCCAGCCCGGAGCAGAGGTGACAGAGGAGGACCGAGAGTC 480

QY 481 AGGACACCTGTGTAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGCCTTGAGG 540
DB 481 AGGACACCTGTGTAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGCCTTGAGG 540

QY 541 AATTTGAGCAACCAAGTGAAGCTGGCTGTGGAAGGACCGGAGCTGGGACCGACA 600
DB 541 AATTTGAGCAACCAAGTGAAGCTGGCTGTGGAAGGACCGGAGCTGGGACCGACA 600

QY 601 GCTCCCACTGGGATGTGTGTTCTCTCAGGAGACCTCTCATCTGATTTGTTGCTCA 660
DB 601 GCTCCCACTGGGATGTGTGTTCTCTCAGGAGACCTCTCATCTGATTTGTTGCTCA 660

QY 661 CAGTTGGCTTAATATATGTGTGAAGAAAGCAAGGGGTGATGTAGTCAAGTGA 720
DB 661 CAGTTGGCTTAATATATGTGTGAAGAAAGCAAGGGGTGATGTAGTCAAGTGA 720

QY 721 TCGTCTCCGTCACGAGAAAGACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 780
DB 721 TCGTCTCCGTCACGAGAAAGACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 780

QY 781 TGCAGGCGCTCCGAGAGCTCAACAGGTGGCGGTGAGAGAGCAATACCTCATTCACGG 840
DB 781 TGCAGGCGCTCCGAGAGCTCAACAGGTGGCGGTGAGAGAGCAATACCTCATTCACGG 840

QY 841 GGAGAGCCCAACCACTGACCCACAGACTTGCACCCCGA 881
DB 841 GGAGAGCCCAACCACTGACCCACAGACTTGCACCCCGA 881

RESULT 4

US-08-462-962-1
Sequence 1, Application US/08462962
GENERAL INFORMATION:
APPLICANT: NI, ET AL.
TITLE OF INVENTION: Tumor Necrosis Factor Receptors
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
ADDRESSEE: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,962
FILING DATE: June 5, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05058
FILING DATE: 27 APR 95
ATTORNEY/AGENT INFORMATION:
NAME: FERRARO, GREGORY D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 325800-422
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 881 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: CDNA
US-08-462-962-1

Query Match 100.0%; Score 881; DB 9; Length 881;

Best Local Similarity 100.0%; Pred. No. 7.9e-199;
Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTGAGGCGATGAGACCTCTGAGAGACTGGGGGCTCTCTCCCTGAGATCCACCCCGAGAA 60
DB 1 CCTGAGGCGATGAGACCTCTGAGAGACTGGGGGCTCTCTCCCTGAGATCCACCCCGAGAA 60

QY 61 CCGACGCTTGAGGCTGATGATCTCACTTCTCTGGAGCCCTGCTAGCCGCCAG 120
DB 61 CCGACGCTTGAGGCTGATGATCTCACTTCTCTGGAGCCCTGCTAGCCGCCAG 120

QY 121 CTCTGCCGCTCTGAGAGAGACGAGTACCAGTGGCTCCGAGTGTCTGCCCAAGTGA 180
DB 121 CTCTGCCGCTCTGAGAGAGACGAGTACCAGTGGCTCCGAGTGTCTGCCCAAGTGA 180

QY 181 GTCCAGTTATCTGTGAAGAGGCTGGGGAGCTGACGGGACACAGTGTGAACCTT 240
DB 181 GTCCAGTTATCTGTGAAGAGGCTGGGGAGCTGACGGGACACAGTGTGAACCTT 240

QY 241 GCCCTCCAGGCACTTACATTCGCCCACTCAATGGCTTAAGAAATGTCTGAGTCCAAA 300
DB 241 GCCCTCCAGGCACTTACATTCGCCCACTCAATGGCTTAAGAAATGTCTGAGTCCAAA 300

QY 301 TGTGTGACCAAGCCATGGGCTGGCGCGAGCCGGAACCTGCTCCAGAGACAGAACCCG 360

RESULT 6

US-08-741-095A-25

Sequence 25, Application US/08741095A

GENERAL INFORMATION:

APPLICANT: Ni, Jian
 APPLICANT: Rosen, Craig A.
 APPLICANT: Gentz, Reiner L.
 APPLICANT: Lyn, Sally Doreen Patricia
 APPLICANT: Hurler, Mark Robert
 TITLE OF INVENTION: Human Tumor Necrosis Factor
 TITLE OF INVENTION: Receptor-Like 2
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
 STREET: 1100 New York Ave, Suite 600
 CITY: Washington
 STATE: DC
 COUNTRY: USA
 ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/741,095A
 FILING DATE:
 CLASSIFICATION: 1646

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/464,595
 FILING DATE: 05-JUN-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/462,962
 FILING DATE: 05-JUN-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/462,315
 FILING DATE: 05-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/462,315
 FILING DATE: 05-JUN-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: WO PCT/US95/05058
 FILING DATE: 27-APR-1995
 ATTORNEY/AGENT INFORMATION:

NAME: Steffe, Eric K.
 REGISTRATION NUMBER: 36,688
 REFERENCE/DOCKET NUMBER: 1488.0770004/EKS/SGM

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-271-2600
 TELEFAX: 202-271-2540

INFORMATION FOR SEQ ID NO: 25:
 SEQUENCE CHARACTERISTICS:

LENGTH: 881 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: CDS
 LOCATION: 9..857
 NAME/KEY: sig_peptide
 LOCATION: 9..122
 NAME/KEY: mat_peptide
 LOCATION: 123..857
 US-08-741-095A-25

Query Match

Best Local Similarity 100.0%; Score 881; DB 12; Length 881;
 Pred. No. 7.9e-199;

Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 1 CCTAGGCGATGAGACCTCTCTGAGATCTGGGGGCTCTCTCTGAGATCCACCCCGAGA 60

Db 1 CCTAGGCGATGAGACCTCTCTGAGATCTGGGGGCTCTCTCTGAGATCCACCCCGAGA 60

Qy 61 CCAGCGCTTTGAGGCTGTGTATCTGACCTTCTGGAGAGCCCTGACGCCAG 120

Db 61 CCAGCGCTTTGAGGCTGTGTATCTGACCTTCTGGAGAGCCCTGACGCCAG 120

Qy 121 CTCTGCGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180

Db 121 CTCTGCGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180

Qy 181 GTCCAGGTTATGTTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240

Db 181 GTCCAGGTTATGTTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240

Qy 241 GCGCTTCAGGACCTTACCTTCCACCTTCAATGCTTAAAGAGTGTTCAGT 300

Db 241 GCGCTTCAGGACCTTACCTTCCACCTTCAATGCTTAAAGAGTGTTCAGT 300

Qy 301 TGTGTACCCAGGACCAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360

Db 301 TGTGTACCCAGGACCAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360

Qy 361 TGTGTGTTGAG 420

Db 361 TGTGTGTTGAG 420

Qy 421 GCGGCGCTTACCGACCTTCCAGGAGAGAGAGAGAGAGAGAGAGAGAGAG 480

Db 421 GCGGCGCTTACCGACCTTCCAGGAGAGAGAGAGAGAGAGAGAGAGAGAG 480

Qy 481 AGAGACCCCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 540

Db 481 AGAGACCCCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 540

Qy 541 AATGTGAGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 600

Db 541 AATGTGAGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 600

Qy 601 GCTCCAGTGGGATGATGATGATGATGATGATGATGATGATGATGATGAT 660

Db 601 GCTCCAGTGGGATGATGATGATGATGATGATGATGATGATGATGATGAT 660

Qy 661 CATTGGCCCTAATCATATGTAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 720

Db 661 CATTGGCCCTAATCATATGTAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 720

Qy 721 TCGTCTCCGTCAGCGGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780

Db 721 TCGTCTCCGTCAGCGGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780

Qy 781 TGCAGGCGCTTCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 840

Db 781 TGCAGGCGCTTCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 840

Qy 841 GGAG 881

Db 841 GGAG 881

Qy 881 GGAG 881

Db 881 GGAG 881

Qy 881 GGAG 881

Db 881 GGAG 881

Qy 881 GGAG 881

Db 881 GGAG 881

Qy 881 GGAG 881

Db 881 GGAG 881

Qy 881 GGAG 881

Db 881 GGAG 881

Qy 881 GGAG 881

Db 881 GGAG 881

Qy 881 GGAG 881

Db 881 GGAG 881

Qy 881 GGAG 881

;; PRIOR FILING DATE: 1995-06-05
;; PRIOR APPLICATION NUMBER: US 08/462,315
;; PRIOR FILING DATE: 1995-06-05
;; PRIOR APPLICATION NUMBER: PCT/US95/05058
;; PRIOR FILING DATE: 1995-04-27
;; NUMBER OF SEQ ID NOS: 29
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 25
;; LENGTH: 881
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: (9)..(857)
;; NAME/KEY: sig_peptide
;; LOCATION: (9)..(122)
;; NAME/KEY: mat_peptide
;; LOCATION: (123)..(857)
US-08-741-095b-25

Query Match 100.0%; Score 881; DB 12; Length 881;
Best Local Similarity 100.0%; Pred No.7,9e-199;
Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTGAGCATGAGACCTCTCTGAGACTGGGAGCTCTCTCTGAGATCCACCCAGAA 60
DB 1 CCTGAGCATGAGACCTCTCTGAGACTGGGAGCTCTCTCTGAGATCCACCCAGAA 60
QY 61 CCGACGCTTTGAGGCTGCTGCTGATCTCACTTCTTGAGAGCCCTGCTAGCCCGAG 120
DB 61 CCGACGCTTTGAGGCTGCTGCTGATCTCACTTCTTGAGAGCCCTGCTAGCCCGAG 120
QY 121 CTCTGCGCTCTGCAAGAGAGAGAGTACCCAGTGGGCTCCAGAGTCTGCCCCAAGTGA 180
DB 121 CTCTGCGCTCTGCAAGAGAGAGAGTACCCAGTGGGCTCCAGAGTCTGCCCCAAGTGA 180
QY 181 GTCCAGGTTATCGTGTGAAGAGAGGCTGCGGAGAGTGAACGAGTGTGAACCTT 240
DB 181 GTCCAGGTTATCGTGTGAAGAGAGGCTGCGGAGAGTGAACGAGTGTGAACCTT 240
QY 241 GCCCTTCAGAGCACTTACATTTGCCACCTTAATGGGCTTAAGCAAGTGTGTGCAAA 300
DB 241 GCCCTTCAGAGCACTTACATTTGCCACCTTAATGGGCTTAAGCAAGTGTGTGCAAA 300
QY 301 TGTGTGACCCAGACCAATGGGCTGCGGAGAGCGGAACTCTCCAGAGAGAGAGCCCG 360
DB 301 TGTGTGACCCAGACCAATGGGCTGCGGAGAGCGGAACTCTCCAGAGAGAGAGCCCG 360
QY 361 TGTGTGTGTGAGAGCCAGGCACTTCTGATGTCAGAGAGAGAGAGCACTGCGCGGT 420
DB 361 TGTGTGTGTGAGAGCCAGGCACTTCTGATGTCAGAGAGAGAGAGCACTGCGCGGT 420
QY 421 GCCGCGCTTAAGGCACTTCTGATGTCAGAGAGAGAGAGAGAGAGAGAGAGAGTGC 480
DB 421 GCCGCGCTTAAGGCACTTCTGATGTCAGAGAGAGAGAGAGAGAGAGAGAGAGTGC 480
QY 481 AGGACACCCCTGTGTGAGAACTGCCCCCGGAGACCTTCTCTCCAAATGGAGCCCTGAGG 540
DB 481 AGGACACCCCTGTGTGAGAACTGCCCCCGGAGACCTTCTCTCCAAATGGAGCCCTGAGG 540
QY 541 AATGTGAG 600
DB 541 AATGTGAG 600
QY 601 GCTCCCACTGGGATGAGTGTGTTTCTCTCAAGGAGAGCTCTCAATCTGATTTGCTCCA 660
DB 601 GCTCCCACTGGGATGAGTGTGTTTCTCTCAAGGAGAGCTCTCAATCTGATTTGCTCCA 660
QY 661 CAGTGGGCTTAATCATATGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720
DB 661 CAGTGGGCTTAATCATATGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720
QY 721 TCGTCTCCGTCAG 780
DB 721 TCGTCTCCGTCAG 780

DB 721 TCGTCTCCGTCAG 780
QY 781 TCGAGGCCCCCTCCGAGAGTCAACAGGAGGCGGCTGAGAGAGACATACCTCATTCAGG 840
DB 781 TCGAGGCCCCCTCCGAGAGTCAACAGGAGGCGGCTGAGAGAGACATACCTCATTCAGG 840
QY 841 GGAGAGCCCAAAACCACTGAGACCACTGACAGAGAGAGAGAGAGAGAGAGAGAGAG 881
DB 841 GGAGAGCCCAAAACCACTGAGACCACTGACAGAGAGAGAGAGAGAGAGAGAGAGAG 881

RESULT 8

US-09-340-690-25
Sequence 25. Application US/09340690
GENERAL INFORMATION:
APPLICANT: Ni, Jian
APPLICANT: Rosen, Craig A.
APPLICANT: Gentz, Reiner L.
APPLICANT: Lynn, Sally Doreen Patricia
TITLE OF INVENTION: Human Tumor Necrosis Factor
TITLE OF INVENTION: Receptor-Like 2
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSER: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave, Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/340,690
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/464,595
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/741,095
FILING DATE: 30-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/462,962
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/462,315
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US95/05058
FILING DATE: 27-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Steffe, Eric K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488. 0770007/EXS/SGM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-271-2600
TELEFAX: 202-271-2540
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 881 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 9..857
FEATURE:

NAME/KEY: sig_peptide
LOCATION: 9..122
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 123..857
US-09-340-690-25

Query Match 100.0%; Score 881; DB 19; Length 881;
Best Local Similarity 100.0%; Pred. No. 7.9e-199;
Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 CTTGAGGATGAGAGCTCTGAGAGACTGGGGGCTCTCTCTCTGAGATCCACCCCGAGAA 60
1 CTTGAGGATGAGAGCTCTGAGAGACTGGGGGCTCTCTCTCTGAGATCCACCCCGAGAA 60
61 CCGAGCGTCTTGAAGGCTGTGTATCTACCTTCTGAGAGCCCTGTAGCCCGAG 120
61 CCGAGCGTCTTGAAGGCTGTGTATCTACCTTCTGAGAGCCCTGTAGCCCGAG 120
121 CTCTGCGCTCTGAG 180
121 CTCTGCGCTCTGAG 180
181 GTCCAGGTTATCGTGAAG 240
181 GTCCAGGTTATCGTGAAG 240
241 GCCCTCCAGGACCTTACATTGCCCCACCTCAATGAGCTTAAAGCAAGTGTCTGAGTCC 300
241 GCCCTCCAGGACCTTACATTGCCCCACCTCAATGAGCTTAAAGCAAGTGTCTGAGTCC 300
301 TGTGTGACCAAGCAGATGGGCTGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
301 TGTGTGACCAAGCAGATGGGCTGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
361 TGTGTGACCAAGCAGATGGGCTGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420
361 TGTGTGACCAAGCAGATGGGCTGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420
421 GCCGCGCTTACAGCAGCTTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
421 GCCGCGCTTACAGCAGCTTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
481 AGGACACCTGTGTGAG 540
481 AGGACACCTGTGTGAG 540
481 AGGACACCTGTGTGAG 540
481 AGGACACCTGTGTGAG 540
541 AATGTGACAGCAG 600
541 AATGTGACAGCAG 600
541 AATGTGACAGCAG 600
541 AATGTGACAGCAG 600
601 GCTCCACCTGAGT 660
601 GCTCCACCTGAGT 660
661 CAGTTGACCTTAT 720
661 CAGTTGACCTTAT 720
721 TCGTCTCGTCTGAG 780
721 TCGTCTCGTCTGAG 780
781 TCGAGGCGCTCTGAG 840
781 TCGAGGCGCTCTGAG 840
841 GGAG 881
841 GGAG 881

RESULT 9

US-09-533-262-25

Sequence 25; Application US/09533262

GENERAL INFORMATION:

APPLICANT: NI, Jian

APPLICANT: Rosen, Craig A.

APPLICANT: Gentz, Reiner L.

TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor-Like 2

FILE REFERENCE: 1486.077000A

CURRENT APPLICATION NUMBER: US/09/533,262

CURRENT FILING DATE: 2000-03-22

EARLIER APPLICATION NUMBER: US 60/147,383

EARLIER FILING DATE: 1999-08-06

EARLIER APPLICATION NUMBER: US 60/135,169

EARLIER FILING DATE: 1999-05-20

EARLIER APPLICATION NUMBER: US 60/126,522

EARLIER FILING DATE: 1999-03-26

EARLIER APPLICATION NUMBER: US 60/125,683

EARLIER FILING DATE: 1999-03-22

EARLIER APPLICATION NUMBER: US 08/741,095

EARLIER FILING DATE: 1996-10-30

EARLIER APPLICATION NUMBER: US 08/464,595

EARLIER FILING DATE: 1995-06-05

EARLIER APPLICATION NUMBER: US 08/462,962

EARLIER FILING DATE: 1995-06-05

EARLIER APPLICATION NUMBER: US 08/462,315

EARLIER FILING DATE: 1995-06-05

EARLIER APPLICATION NUMBER: PCT/US95/05058

EARLIER FILING DATE: 1995-04-27

NUMBER OF SEQ ID NOS: 26

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 25

LENGTH: 881

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: CDS

LOCATION: (9)..(857)

FEATURE:

NAME/KEY: sig_peptide

LOCATION: (9)..(122)

FEATURE:

NAME/KEY: mat_peptide

LOCATION: (123)..(857)

US-09-533-262-25

Query Match 100.0%; Score 881; DB 23; Length 881;

Best Local Similarity 100.0%; Pred. No. 7.9e-199;

Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 CTTGAGGATGAGAGCTCTGAGAGACTGGGGGCTCTCTCTCTGAGATCCACCCCGAGAA 60
1 CTTGAGGATGAGAGCTCTGAGAGACTGGGGGCTCTCTCTCTGAGATCCACCCCGAGAA 60
61 CCGAGCGTCTTGAAGGCTGTGTATCTACCTTCTGAGAGCCCTGTAGCCCGAG 120
61 CCGAGCGTCTTGAAGGCTGTGTATCTACCTTCTGAGAGCCCTGTAGCCCGAG 120
121 CTCTGCGCTCTGAG 180
121 CTCTGCGCTCTGAG 180
181 GTCCAGGTTATCGTGAAG 240
181 GTCCAGGTTATCGTGAAG 240
241 GCCCTCCAGGACCTTACATTGCCCCACCTCAATGAGCTTAAAGCAAGTGTCTGAGTCC 300
241 GCCCTCCAGGACCTTACATTGCCCCACCTCAATGAGCTTAAAGCAAGTGTCTGAGTCC 300
301 TGTGTGACCAAGCAGATGGGCTGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
301 TGTGTGACCAAGCAGATGGGCTGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360

```

OY 361 TGTGTGTTGTCAGAGCCAGGCACTTCTGATGTCATCGACAGAGCGGGAGCACTGTGGCGCGT 420
Db 361 TGTGTGTTGTCAGAGCCAGGCACTTCTGATGTCATCGACAGAGCGGGAGCACTGTGGCGCGT 420
OY 421 GCCGCGCTTACGCCCACTTCAGCCCCCGGCGCAGAGGGTGTGAGAGGGAGGCACTGAGAGTC 480
Db 421 GCCGCGCTTACGCCCACTTCAGCCCCCGGCGCAGAGGGTGTGAGAGGGAGGCACTGAGAGTC 480
OY 481 AGGACACCTGTGTGTGAGAGCTGCCCCCGGAGCACTTCTCTCCAAATGGGACCTTGAGG 540
Db 481 AGGACACCTGTGTGTGAGAGCTGCCCCCGGAGCACTTCTCTCCAAATGGGACCTTGAGG 540
OY 541 AATGTACAGACCAAGCAAGTGCAGCTGTGTGTGACAGAGCGCGGAGAGCTGGGACCAAGCA 600
Db 541 AATGTACAGACCAAGCAAGTGCAGCTGTGTGTGACAGAGCGCGGAGAGCTGGGACCAAGCA 600
OY 601 GCTCCCACTGGGTATGTGTGTGTCTCTCAGGGAGCCTCGTCATCGTATGTGTGTCTCA 660
Db 601 GCTCCCACTGGGTATGTGTGTGTCTCTCAGGGAGCCTCGTCATCGTATGTGTGTCTCA 660
OY 661 CAGTTGGCCTAATCATATGTGTGAAAAAGAAAGCAAGGGGTGATGTAGTCAAGGTGA 720
Db 661 CAGTTGGCCTAATCATATGTGTGAAAAAGAAAGCAAGGGGTGATGTAGTCAAGGTGA 720
OY 721 TCGTCTCCGTCCAGCGGGAAAGACAGAGAGGCAAGTGTAGGCAAGTCAATTGAGAGCC 780
Db 721 TCGTCTCCGTCCAGCGGGAAAGACAGAGAGGCAAGTGTAGGCAAGTCAATTGAGAGCC 780
OY 781 TGCAGAGCCCTCCGAGCGTCACCAAGGTGGCGGTGAGAGACAAATACCTCATTCACGG 840
Db 781 TGCAGAGCCCTCCGAGCGTCACCAAGGTGGCGGTGAGAGACAAATACCTCATTCACGG 840
OY 841 GGAGAGAGCCCAACCACTGACCCACAGACTTGTACCCCGA 881
Db 841 GGAGAGAGCCCAACCACTGACCCACAGACTTGTACCCCGA 881

RESULT 10
US-09-882-636-45
: Sequence 45, Application US/09882636
: GENERAL INFORMATION:
: APPLICANT: Botstein, David
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth
: APPLICANT: Lawrence, David, A
: APPLICANT: Roy, Margaret, Ann
: APPLICANT: Wood, William, T.
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
: FILE REFERENCE: P2509RJC1
: CURRENT APPLICATION NUMBER: US/09/882, 636
: CURRENT FILING DATE: 2001-06-14
: PRIOR APPLICATION NUMBER: 60/113, 296
: PRIOR FILING DATE: December 22, 1998
: PRIOR APPLICATION NUMBER: 60/112, 850
: PRIOR FILING DATE: December 16, 1998
: PRIOR APPLICATION NUMBER: 60/107, 783
: PRIOR FILING DATE: November 10, 1998
: PRIOR APPLICATION NUMBER: 60/088, 742
: PRIOR FILING DATE: June 10, 1998
: PRIOR APPLICATION NUMBER: 60/086, 414
: PRIOR FILING DATE: May 22, 1998
: PRIOR APPLICATION NUMBER: 60/083, 500
: PRIOR FILING DATE: April 29, 1998
: PRIOR APPLICATION NUMBER: 60/082, 767
: PRIOR FILING DATE: April 23, 1996
: PRIOR APPLICATION NUMBER: 60/074, 086
: PRIOR FILING DATE: February 9, 1998
: PRIOR APPLICATION NUMBER: 60/070, 440
: PRIOR FILING DATE: January 5, 1998
: PRIOR APPLICATION NUMBER: 60/069, 873
: PRIOR FILING DATE: December 17, 1997
: PRIOR APPLICATION NUMBER: 60/069, 702

```

1	PRIOR FILING DATE:	December 16, 1997
2	PRIOR APPLICATION NUMBER:	60/669, 1694
3	PRIOR FILING DATE:	December 16, 1997
4	PRIOR APPLICATION NUMBER:	60/669, 696
5	PRIOR FILING DATE:	December 16, 1997
6	PRIOR APPLICATION NUMBER:	60/666, 772
7	PRIOR FILING DATE:	November 24, 1997
8	PRIOR APPLICATION NUMBER:	60/032, 705
9	PRIOR FILING DATE:	December 12, 1996
10	PRIOR APPLICATION NUMBER:	PCT/US00/13267B
11	PRIOR FILING DATE:	December 1, 2000
12	PRIOR APPLICATION NUMBER:	09/709, 238
13	PRIOR FILING DATE:	November 8, 2000
14	PRIOR APPLICATION NUMBER:	09/664, 610
15	PRIOR FILING DATE:	September 18, 2000
16	PRIOR APPLICATION NUMBER:	09/665, 350
17	PRIOR FILING DATE:	September 18, 2000
18	PRIOR APPLICATION NUMBER:	PCT/US00/23522
19	PRIOR FILING DATE:	August 23, 2000
20	PRIOR APPLICATION NUMBER:	PCT/US00/14941
21	PRIOR FILING DATE:	May 30, 2000
22	PRIOR APPLICATION NUMBER:	PCT/US00/13705
23	PRIOR FILING DATE:	May 17, 2000
24	PRIOR APPLICATION NUMBER:	PCT/US00/08433
25	PRIOR FILING DATE:	March 30, 2000
26	PRIOR APPLICATION NUMBER:	PCT/US00/05841
27	PRIOR FILING DATE:	March 2, 2000
28	PRIOR APPLICATION NUMBER:	PCT/US00/05000
29	PRIOR FILING DATE:	February 24, 2000
30	PRIOR APPLICATION NUMBER:	PCT/US00/04414
31	PRIOR FILING DATE:	February 22, 2000
32	PRIOR APPLICATION NUMBER:	PCT/US00/04341
33	PRIOR FILING DATE:	February 18, 2000
34	PRIOR APPLICATION NUMBER:	PCT/US00/04342A
35	PRIOR FILING DATE:	February 18, 2000
36	PRIOR APPLICATION NUMBER:	09/480, 284
37	PRIOR FILING DATE:	January 10, 2000
38	PRIOR APPLICATION NUMBER:	PCT/US99/30095
39	PRIOR FILING DATE:	December 16, 1999
40	PRIOR APPLICATION NUMBER:	PCT/US99/28565
41	PRIOR FILING DATE:	December 2, 1999
42	PRIOR APPLICATION NUMBER:	09/423, 844
43	PRIOR FILING DATE:	November 12, 1999
44	PRIOR APPLICATION NUMBER:	PCT/US99/28301D
45	PRIOR FILING DATE:	December 1, 1999
46	PRIOR APPLICATION NUMBER:	PCT/US99/28409
47	PRIOR FILING DATE:	November 30, 1999
48	PRIOR APPLICATION NUMBER:	09/403, 297
49	PRIOR FILING DATE:	October 18, 1999
50	PRIOR APPLICATION NUMBER:	PCT/US99/21090
51	PRIOR FILING DATE:	September 15, 1999
52	PRIOR APPLICATION NUMBER:	PCT/US99/01111
53	PRIOR FILING DATE:	September 1, 1999
54	PRIOR APPLICATION NUMBER:	09/380, 137
55	PRIOR FILING DATE:	August 25, 1999
56	PRIOR APPLICATION NUMBER:	09/380, 138
57	PRIOR FILING DATE:	August 25, 1999
58	PRIOR APPLICATION NUMBER:	09/380, 139
59	PRIOR FILING DATE:	August 25, 1999
60	PRIOR APPLICATION NUMBER:	09/367, 206
61	PRIOR FILING DATE:	August 9, 1999
62	PRIOR APPLICATION NUMBER:	09/369, 028
63	PRIOR FILING DATE:	August 4, 1999
64	PRIOR APPLICATION NUMBER:	PCT/US99/12252
65	PRIOR FILING DATE:	June 2, 1999
66	PRIOR APPLICATION NUMBER:	PCT/US99/08847
67	PRIOR FILING DATE:	April 23, 1999
68	PRIOR APPLICATION NUMBER:	09/298, 404
69	PRIOR FILING DATE:	April 23, 1999
70	PRIOR APPLICATION NUMBER:	09/284, 291
71	PRIOR FILING DATE:	April 12, 1999
72	PRIOR APPLICATION NUMBER:	PCT/US99/05028
73	PRIOR FILING DATE:	March 8, 1999

```

; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/00106
; PRIOR FILING DATE: January 5, 1999
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 15, 1998
; PRIOR APPLICATION NUMBER: 09/065,275
; PRIOR FILING DATE: April 23, 1998
; PRIOR APPLICATION NUMBER: 08/987,902
; PRIOR FILING DATE: December 10, 1997
; PRIOR APPLICATION NUMBER: PCT/US97/22278
; PRIOR FILING DATE: December 5, 1997
; NUMBER OF SEQ ID NOS: 113
; SEQ ID NO 45
; LENGTH: 1049
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-882-636-45
```

```

Query Match      99.8%; Score 879.4; DB 37; Length 1049;
Best Local Similarity 99.9%; Pred. No. 2e-198;
Matches *880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY 1 CCGAGGACATGAGACCTCTGAGAGACTGGGGGCTCTCTCTGAGATCCAGCCCGGAA 60
DB 74 CCGAGGACATGAGACCTCTGAGAGACTGGGGGCTCTCTCTGAGATCCAGCCCGGAA 133
QY 61 CCGAGCTCTTGGAGCTGTGTATCTCACTTCTGAGAGCCCTGTACGCCCCAG 120
DB 134 CCGAGCTCTTGGAGCTGTGTATCTCACTTCTGAGAGCCCTGTACGCCCCAG 193
QY 121 CTCTGCGCTCTGAGAGAGAGAGTACCCAGTGGGCTCCGAGTCTGCCCAAGTGCA 180
DB 194 CTCTGCGCTCTGAGAGAGAGAGTACCCAGTGGGCTCCGAGTCTGCCCAAGTGCA 253
QY 181 GTCCAGTTATCGGTGAAGAGGCTGCGGGGAGCTGAGGGGAGCAAGTGTGAACCT 240
DB 254 GTCCAGTTATCGGTGAAGAGGCTGCGGGGAGCTGAGGGGAGCAAGTGTGAACCT 313
QY 241 GCCCTCCAGGACCTAATGCCCCACCTCAATGAGCAAGTGTCTGAGTCCGAAA 300
DB 314 GCCCTCCAGGACCTAATGCCCCACCTCAATGAGCAAGTGTCTGAGTCCGAAA 373
QY 301 TGTGTGACCCAGCATGGGCTGCGCGGAGCCGGAATGCTCCAGAGACAGACCGG 360
DB 374 TGTGTGACCCAGCATGGGCTGCGCGGAGCCGGAATGCTCCAGAGACAGACCGG 433
QY 361 TGTGTGAGTGAAGCCAGGCACTTTCGATCGTCCAGAGAGGAGCACTGCGCGGT 420
DB 434 TGTGTGAGTGAAGCCAGGCACTTTCGATCGTCCAGAGAGGAGCACTGCGCGGT 493
QY 421 GCCGCGTTACGCACTCCAGCCCGGAGCCAGAGGAGTGCAGAAAGGAGGACCGAGATC 480
DB 494 GCCGCGTTACGCACTCCAGCCCGGAGCCAGAGGAGTGCAGAAAGGAGGACCGAGATC 553
QY 481 AGGACACCTGTGTGAGAACTGCCCCGGGGGACCTTCTCTCCAAATGGACCTGAGG 540
DB 554 AGGACACCTGTGTGAGAACTGCCCCGGGGGACCTTCTCTCCAAATGGACCTGAGG 613
QY 541 AATGTGAGACCAAGCAAGTGAAGTGGCTGGTGAAGGAGCCGGAGCTGGAGACAGCA 600
DB 614 AATGTGAGACCAAGCAAGTGAAGTGGCTGGTGAAGGAGCCGGAGCTGGAGACAGCA 673
QY 601 GCTCCCACTGGGTATGTTGTTCTCTCAGGAGCCTGTCATGTCATGTTGCTCA 660
DB 674 GCTCCCACTGGGTATGTTGTTCTCTCAGGAGCCTGTCATGTCATGTTGTTGCTCA 733
```

```

QY 661 CAGTGGCCTAATCATATGTGTGAAGAAAGAACCCAGGGGTATGTAGTCAAGTGA 720
DB 734 CAGTGGCCTAATCATATGTGTGAAGAAAGAACCCAGGGGTATGTAGTCAAGTGA 793
QY 721 TCGTCTCCGTCAGCGGAAAGACAGAGGACAGAGGTGAGGCCACAGTCATTGAGGCC 780
DB 794 TCGTCTCCGTCAGCGGAAAGACAGAGGACAGAGGTGAGGCCACAGTCATTGAGGCC 853
QY 781 TCGAGGCCCCCTCCGAGCTACCAAGTGGCGGTGAGAGACATATCCCTCATTCAGG 840
DB 854 TCGAGGCCCCCTCCGAGCTACCAAGTGGCGGTGAGAGACATATCCCTCATTCAGG 913
QY 841 GGAGGAGCCCAACCACTGACCCAGACTCTGCAACCCCGA 881
DB 914 GGAGGAGCCCAACCACTGACCCAGACTCTGCAACCCCGA 954

RESULT 11
US-09-886-342-59
; Sequence 59, Application US/09886342
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi, J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul, J.
; APPLICANT: Gurney, Austin, L.
; APPLICANT: Marsters, Scot, A.
; APPLICANT: Napier, Mary, A.
; APPLICANT: Palti, Robert, M.
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING NEOPLASTIC
; TITLE OF INVENTION: CELL GROWTH
; FILE REFERENCE: P2834RIPT
; CURRENT APPLICATION NUMBER: US/09/886,342
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 60/032,705
; PRIOR FILING DATE: December 12, 1996
; PRIOR APPLICATION NUMBER: 60/059,115
; PRIOR FILING DATE: September 17, 1997
; PRIOR APPLICATION NUMBER: 60/059,184
; PRIOR FILING DATE: September 17, 1997
; PRIOR APPLICATION NUMBER: 60/059,352
; PRIOR FILING DATE: September 19, 1997
; PRIOR APPLICATION NUMBER: 60/059,588
; PRIOR FILING DATE: September 19, 1997
; PRIOR APPLICATION NUMBER: 60/062,037
; PRIOR FILING DATE: October 10, 1997
; PRIOR APPLICATION NUMBER: 60/063,127
; PRIOR FILING DATE: October 24, 1997
; PRIOR APPLICATION NUMBER: 60/064,809
; PRIOR FILING DATE: November 7, 1997
; PRIOR APPLICATION NUMBER: 60/066,364
; PRIOR FILING DATE: November 21, 1997
; PRIOR APPLICATION NUMBER: 60/069,862
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/078,004
; PRIOR FILING DATE: March 13, 1998
; PRIOR APPLICATION NUMBER: 60/078,936
; PRIOR FILING DATE: March 20, 1998
; PRIOR APPLICATION NUMBER: 60/079,728
; PRIOR FILING DATE: March 27, 1998
; PRIOR APPLICATION NUMBER: 60/081,071
; PRIOR FILING DATE: April 8, 1998
; PRIOR APPLICATION NUMBER: 60/081,954
; PRIOR FILING DATE: April 15, 1998
; PRIOR APPLICATION NUMBER: 60/100,858
; PRIOR FILING DATE: September 17, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/109,304
; PRIOR FILING DATE: November 20, 1998
; PRIOR APPLICATION NUMBER: 60/130,232
; PRIOR FILING DATE: April 21, 1999
; PRIOR APPLICATION NUMBER: 60/131,022
```

PRIOR FILING DATE: April 26, 1999
 PRIOR APPLICATION NUMBER: 60/131,445
 PRIOR FILING DATE: April 28, 1999
 PRIOR APPLICATION NUMBER: 60/134,287
 PRIOR FILING DATE: May 14, 1999
 PRIOR APPLICATION NUMBER: 60/144,758
 PRIOR FILING DATE: July 20, 1999
 PRIOR APPLICATION NUMBER: 60/145,698
 PRIOR FILING DATE: July 26, 1999
 PRIOR APPLICATION NUMBER: 08/934,494
 PRIOR FILING DATE: September 19, 1997
 PRIOR APPLICATION NUMBER: 08/933,821
 PRIOR FILING DATE: September 19, 1997
 PRIOR APPLICATION NUMBER: 08/960,507
 PRIOR FILING DATE: October 29, 1997
 PRIOR APPLICATION NUMBER: PCT/US97/22278
 PRIOR FILING DATE: December 5, 1997
 PRIOR APPLICATION NUMBER: 08/987,902
 PRIOR FILING DATE: December 10, 1997
 PRIOR APPLICATION NUMBER: 09/136,804
 PRIOR FILING DATE: August 19, 1998
 PRIOR APPLICATION NUMBER: 09/136,801
 PRIOR FILING DATE: August 19, 1998
 PRIOR APPLICATION NUMBER: 09/136,828
 PRIOR FILING DATE: August 19, 1998
 PRIOR APPLICATION NUMBER: 09/143,068
 PRIOR FILING DATE: August 28, 1998
 PRIOR APPLICATION NUMBER: 09/143,707
 PRIOR FILING DATE: August 28, 1998
 PRIOR APPLICATION NUMBER: PCT/US98/19093
 PRIOR FILING DATE: September 14, 1998
 PRIOR APPLICATION NUMBER: PCT/US98/19094
 PRIOR FILING DATE: September 14, 1998
 PRIOR APPLICATION NUMBER: PCT/US98/19330
 PRIOR FILING DATE: September 16, 1998
 PRIOR APPLICATION NUMBER: PCT/US98/19437
 PRIOR FILING DATE: September 17, 1998
 PRIOR APPLICATION NUMBER: 09/169,104
 PRIOR FILING DATE: October 9, 1998
 PRIOR APPLICATION NUMBER: PCT/US98/21407
 PRIOR FILING DATE: October 9, 1998
 PRIOR APPLICATION NUMBER: PCT/US98/24855
 PRIOR FILING DATE: November 20, 1998
 PRIOR APPLICATION NUMBER: 09/202,088
 PRIOR FILING DATE: December 8, 1998
 PRIOR APPLICATION NUMBER: 09/202,089
 PRIOR FILING DATE: December 8, 1998
 PRIOR APPLICATION NUMBER: PCT/US99/00106
 PRIOR FILING DATE: January 5, 1999
 PRIOR APPLICATION NUMBER: 09/254,465
 PRIOR FILING DATE: March 5, 1999
 PRIOR APPLICATION NUMBER: PCT/US99/05028
 PRIOR FILING DATE: March 8, 1999
 PRIOR APPLICATION NUMBER: 09/254,460
 PRIOR FILING DATE: March 9, 1999
 PRIOR APPLICATION NUMBER: 09/284,291
 PRIOR FILING DATE: April 12, 1999
 PRIOR APPLICATION NUMBER: 09/332,928
 PRIOR FILING DATE: June 14, 1999
 PRIOR APPLICATION NUMBER: 09/332,929
 PRIOR FILING DATE: June 14, 1999
 PRIOR APPLICATION NUMBER: 09/333,075
 PRIOR FILING DATE: June 14, 1999
 PRIOR APPLICATION NUMBER: 09/333,077
 PRIOR FILING DATE: June 14, 1999
 PRIOR APPLICATION NUMBER: 09/380,138
 PRIOR FILING DATE: August 25, 1999
 PRIOR APPLICATION NUMBER: 09/380,139
 PRIOR FILING DATE: August 25, 1999
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: September 15, 1999
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: September 15, 1999

PRIOR APPLICATION NUMBER: 09/403,296
 PRIOR FILING DATE: October 18, 1999
 PRIOR APPLICATION NUMBER: 09/423,844
 PRIOR FILING DATE: November 12, 1999
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: November 30, 1999
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: December 2, 1999
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: December 16, 1999
 PRIOR APPLICATION NUMBER: 09/218,517
 PRIOR FILING DATE: December 22, 1999
 PRIOR APPLICATION NUMBER: PCT/US99/31274
 PRIOR FILING DATE: December 30, 1999
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: January 5, 2000
 PRIOR APPLICATION NUMBER: PCT/US00/00277
 PRIOR FILING DATE: January 6, 2000
 PRIOR APPLICATION NUMBER: 09/480,284
 PRIOR FILING DATE: January 10, 2000
 PRIOR APPLICATION NUMBER: PCT/US00/03565
 PRIOR FILING DATE: February 11, 2000
 PRIOR APPLICATION NUMBER: PCT/US00/04341
 PRIOR FILING DATE: February 18, 2000
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: February 22, 2000
 PRIOR APPLICATION NUMBER: 09/511,133
 PRIOR FILING DATE: February 23, 2000
 PRIOR APPLICATION NUMBER: 09/511,631
 PRIOR FILING DATE: February 23, 2000
 PRIOR APPLICATION NUMBER: PCT/US00/05841
 PRIOR FILING DATE: March 2, 2000
 PRIOR APPLICATION NUMBER: PCT/US00/06884
 PRIOR FILING DATE: March 15, 2000
 PRIOR APPLICATION NUMBER: PCT/US00/07377
 PRIOR FILING DATE: March 20, 2000
 PRIOR APPLICATION NUMBER: PCT/US00/07532
 PRIOR FILING DATE: March 21, 2000
 PRIOR APPLICATION NUMBER: PCT/US00/13705
 PRIOR FILING DATE: May 17, 2000
 PRIOR APPLICATION NUMBER: PCT/US00/14042
 PRIOR FILING DATE: May 22, 2000
 PRIOR APPLICATION NUMBER: PCT/US00/15264
 PRIOR FILING DATE: June 2, 2000
 PRIOR APPLICATION NUMBER: 09/664,610
 PRIOR FILING DATE: September 18, 2000
 PRIOR APPLICATION NUMBER: 09/665,350
 PRIOR FILING DATE: September 18, 2000
 PRIOR APPLICATION NUMBER: 09/690,169
 PRIOR FILING DATE: October 16, 2000
 PRIOR APPLICATION NUMBER: 09/690,189
 PRIOR FILING DATE: October 16, 2000
 PRIOR APPLICATION NUMBER: PCT/US00/32678
 PRIOR FILING DATE: December 1, 2000
 PRIOR APPLICATION NUMBER: 09/808,689
 PRIOR FILING DATE: March 14, 2001
 NUMBER OF SEQ ID NOS: 79
 SEQ ID NO 59
 LENGTH: 1049
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-09-886-342-59

Query Match 99.8%; Score 879.4; DB 37; Length 1049;
 Best Local Similarity 99.9%; Pred. No. 2e-198; Indels 0; Gaps 0;
 Matches 880; Conservative 0; Mismatches 1;

1 CCTGAGGATGAGGCTCTGAGAGCTGGGGCCCTCCTGAGATCCACCCAGAAA 60
 74 CCTGAGGATGAGGCTCTGAGAGCTGGGGCCCTCCTGAGATCCACCCAGAAA 133
 61 CCGAGCTTGTGAGGCTGTGCTGTATCTCACTTCTGTGAGAGCCCTGTACGCCGAG 120

Db 134 CCGACGCTTGAAGCTGTGTATCTCACTTCTGGAGCCCTCTGACGCCAG 193
QY 121 CTGTCCGCTCTGCAAGAGAGACAGTACCAGTGGCTCGAGTGTGCCCCAAGTGA 180
Db 194 CTGTGCGCTCTGCAAGAGAGAGACAGTACCAGTGGCTCGAGTGTGCCCCAAGTGA 253
QY 181 GTCCAGGTTTCTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 240
Db 254 GTCCAGGTTTCTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 313
QY 241 GCCCTCAGGACCTTACCTTACCTCACTTGAAGTGTGAAGTGTGAAGTGTGA 300
Db 314 GCCCTCAGGACCTTACCTTACCTCACTTGAAGTGTGAAGTGTGAAGTGTGA 373
QY 301 TGTGTGACCCAGCCATGGGCTGCGGCGAGCCGGAATGCTCCAGGACAGAGACGCG 360
Db 374 TGTGTGACCCAGCCATGGGCTGCGGCGAGCCGGAATGCTCCAGGACAGAGACGCG 433
QY 361 TGTGTGTTGACGCGCCAGGCTTGTGCACTTGTCCAGAGCGGGACCACTGCGCGCT 420
Db 434 TGTGTGTTGACGCGCCAGGCTTGTGCACTTGTCCAGAGCGGGACCACTGCGCGCT 493
QY 421 GCCGCGCTTACGCGCCAGCCGCGGAGGAGAGGAGAGAGAGAGAGAGAGAGAG 480
Db 494 GCCGCGCTTACGCGCCAGCCGCGGAGGAGAGGAGAGAGAGAGAGAGAGAGAG 553
QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCCCAATGGAGACCTGAGG 540
Db 554 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCCCAATGGAGACCTGAGG 613
QY 541 AATGTGACACCAAG 600
Db 614 AATGTGACACCAAG 673
QY 601 GCTCCCACTGGATGTGTGTTCTCTCAGGAGACCTGTGATGATGATGATGATG 660
Db 674 GCTCCCACTGGATGTGTGTTCTCTCAGGAGACCTGTGATGATGATGATGATG 733
QY 661 CAGTTGGCTTAATCATATGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720
Db 734 CAGTTGGCTTAATCATATGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 793
QY 721 TCGTCTCCGTCAG 780
Db 794 TCGTCTCCGTCAG 853
QY 781 TGCAGGCGCTCCGAGAGTCAACAGGAGGCGGTGAGAGAGAGAGAGAGAGAG 840
Db 854 TGCAGGCGCTCCGAGAGTCAACAGGAGGCGGTGAGAGAGAGAGAGAGAGAG 913
QY 841 GGAGAGCGCCAAACCACTGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 881
Db 914 GGAGAGCGCCAAACCACTGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 954

RESULT 12
US-60-438-735-56
; Sequence 56, Application US/60438735
; GENERAL INFORMATION:
; APPLICANT: Amier, Lukas C.
; TITLE OF INVENTION: PREDICTORS AND METHODS FOR DETERMINING SENSITIVITY TO EPIDERMAL
; FILE REFERENCE: D0304 PSP
; CURRENT APPLICATION NUMBER: US/60/438, 735
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 56
; LENGTH: 1621
; TYPE: DNA
; ORGANISM: Human
US-60-438-735-56

Query Match 99.8%; Score 879.4; DB 98; Length 1621;
Best Local Similarity 99.9%; Pred.No. 2.1e-198;
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CCGTGAAG 60
Db 268 CCGTGAAG 327
QY 61 CCGAGCTCTTGAAGCTGTGTGTATCTCACTTCTGGAGGAGGAGGAGGAGGAGG 120
Db 328 CCGAGCTCTTGAAGCTGTGTGTATCTCACTTCTGGAGGAGGAGGAGGAGGAGG 387
QY 121 CTGTCCGCTCTGCAAG 180
Db 388 CTGTCCGCTCTGCAAG 447
QY 181 GTCAGAGTTATCGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
Db 448 GTCAGAGTTATCGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 507
QY 241 GCCCTCAGGACCTTACCTTACCTCACTTGAAGTGTGAAGTGTGAAGTGTGA 300
Db 508 GCCCTCAGGACCTTACCTTACCTCACTTGAAGTGTGAAGTGTGAAGTGTGA 567
QY 301 TGTGTGACCCAGCCATGGGCTGCGGCGAGCCGGAATGCTCCAGGACAGAGACGCG 360
Db 568 TGTGTGACCCAGCCATGGGCTGCGGCGAGCCGGAATGCTCCAGGACAGAGACGCG 627
QY 361 TGTGTGTTGACGCGCCAGGCTTGTGCACTTGTCCAGAGCGGGACCACTGCGCGCT 420
Db 628 TGTGTGTTGACGCGCCAGGCTTGTGCACTTGTCCAGAGCGGGACCACTGCGCGCT 687
QY 421 GCCGCGCTTACGCGCCAGCCGCGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
Db 688 GCCGCGCTTACGCGCCAGCCGCGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAG 747
QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCCCAATGGAGACCTGAGG 540
Db 748 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCCCAATGGAGACCTGAGG 807
QY 541 AATGTGACACCAAG 600
Db 808 AATGTGACACCAAG 867
QY 601 GCTCCCACTGGATGTGTGTTCTCTCAGGAGACCTGTGATGATGATGATGATG 660
Db 868 GCTCCCACTGGATGTGTGTTCTCTCAGGAGACCTGTGATGATGATGATGATG 927
QY 661 CAGTTGGCTTAATCATATGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720
Db 928 CAGTTGGCTTAATCATATGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 987
QY 721 TCGTCTCCGTCAG 780
Db 988 TCGTCTCCGTCAG 1047
QY 781 TGCAGGCGCTCCGAGAGTCAACAGGAGGCGGTGAGAGAGAGAGAGAGAGAG 840
Db 1048 TGCAGGCGCTCCGAGAGTCAACAGGAGGCGGTGAGAGAGAGAGAGAGAGAG 1107
QY 841 GGAGAGCGCCAAACCACTGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 881
Db 1108 GGAGAGCGCCAAACCACTGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1148

RESULT 13
PCT-US03-10955-1
; Sequence 1, Application PC/TUS0310955
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Antibodies that Specifically Bind to TR2
; FILE REFERENCE: PF579PCT

```

1 CURRENT APPLICATION NUMBER: PCT/US03/109555
2 CURRENT FILING DATE: 2003-04-10
3 PRIOR APPLICATION NUMBER: 60/371,722
4 PRIOR FILING DATE: 2002-04-12
5 NUMBER OF SEQ ID NOS: 46
6 SOFTWARE: PatentIn version 3.1
7 SEQ ID NO: 1
8 LENGTH: 1704
9 TYPE: DNA
10 ORGANISM: Homo sapiens
11 FEATURE:
12 NAME/KEY: CDS
13 LOCATION: (265)..(1113)
14 OTHER INFORMATION:
15 PCT-US03-10955-1

```

Query Match	99.8%	Score 879.4;	DB 1;	Length 1704;
Best Local Similarity	99.9%;	Pred. No. 2.1e-198;		
Matches 880; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

QY	1	CCTGAGGATGAGGAGCTCTGGAGACTGGGGCTCTCCCTCGAGAGATCAACCCACAGA	60
Db	257	CCTGAGGATGAGGCTCTGGAGACTGGGGCTCTCTCTCGAGATCAACCCACAAA	316
QY	61	CCGACGCTTTAGGCTGGTCTGTATCTOACTTCTTGGAGCCCTCGCTACGCCCAAG	120
Db	317	CCGACGCTTTAGGCTGGTCTGTATCTCACTTCTGGAGCCCTCGCTACGCCCAAG	376
QY	121	CTGACGCGTCTGCAAGGAGACGAGTACCAAGTGGGCTCCGAGTGGCTGGCCCAAGTCA	180
Db	377	CTGACGCGTCTGCAAGGAGACGAGTACCAAGTGGGCTCCGAGTGGCTGGCCCAAGTCA	436
QY	181	GTCCAGGTTATCGTGTGAAGAGGCTCGGGGAGCTGACGGGCAAGTGTGTGAACCT	240
Db	437	GTCCAGGTTATCGTGTGAAGAGGCTCGGGGAGCTGACGGGCAAGTGTGTGAACCT	496
QY	241	GCCCTCCAGGCACTCACTTGGCCACTTCATATGCTTAAAGCAAGTGTCTGACGTCCAA	300
Db	497	GCCCTCCAGGCACTCACTTGGCCACTTCATATGCTTAAAGCAAGTGTCTGACGTCCAA	556
QY	301	TGTGTGACCCGACATGGGCGCTGGGCGGAGGCGGACATGCTCCAGGACAGGAAACGGCG	360
Db	557	TGTGTGACCCGACATGGGCGCTGGGCGGAGGCGGACATGCTCCAGGACAGGAAACGGCG	616
QY	361	TGTGTGTTGAGGCCACAGCCACTTCTGATCGTTCAGAGCGGGAGCACTACGCCGCT	420
Db	617	TGTGTGTTGAGGCCACAGCCACTTCTGATCGTTCAGAGCGGGAGCACTACGCCGCT	676
QY	421	GCCGCGCTTACGCCCACTCTCAGCCCGGGCCAGAGGGTGCAGAGGGAGCCACCGAGGTC	480
Db	677	GCCGCGCTTACGCCCACTCTCAGCCCGGGCCAGAGGGTGCAGAGGGAGCCACCGAGGTC	736
QY	481	AGGACACCCGTGTGCAGAACTGGCCCCCGGGGACCTTCTCTCCAAATGGGACCTCTGAGG	540
Db	737	AGGACACCCGTGTGTGCAGAACTGGCCCCCGGGGACCTTCTCTCCAAATGGGACCTCTGAGG	796
QY	541	AATGTCAAGCACAGACCAAGTGAAGTGGTGTGATCAAGAGCCCGAGCTGGGACAGCA	600
Db	797	AATGTCAAGCACAGACCAAGTGAAGTGGTGTGATCAAGAGCCCGAGCTGGGACAGCA	856
QY	601	GCTCCCACTGGGTAATGTTGTTTCTCTCAGGAGAGCTGTCACTGTCAATTTGTTCTCA	660
Db	857	GCTCCCACTGGGTAATGTTGTTTCTCTCAGGAGAGCTGTCACTGTCAATTTGTTCTCA	916
QY	661	CAGTTGGCTTAATCATATGTGTGAAGAAAGAACCAAGGGGTGATGTAGTCAAGGTGA	720
Db	917	CAGTTGGCTTAATCATATGTGTGAAGAAAGAACCAAGGGGTGATGTAGTCAAGGTGA	976
QY	721	TGCTCTCCGTCACAGCGAAAGACAGAGGAGCAGAGTGAAGGCCACAGTCAATTGAGGCC	780
Db	977	TGCTCTCCGTCACAGCGAAAGACAGAGGAGCAGAGTGAAGGCCACAGTCAATTGAGGCC	1033
QY	781	TGACGCGCCCTCGGAGCTCAACACGGTGGCCGTGAGAGAGCAATACCTTCATTACGG	840

Db 1037 TGCAGCGCCCTCCGAGCTACCA CGGTGGCGCTGGAGGAGACAATACCTCATTTACGG 1096

QY 841 GGAGAGCCCAACCACTGACCCACAGACTGTGACCCCGA 881
|||||
1097 GGAGAGCCCAACCACTGACCCACAGACTGTGACCCCGA 1137

Db

RESULT 14
PCT-US96-

sequence 1, Application PC/TUS6161540
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
APPLICANT: 9410 Key West Avenue
APPLICANT: Rockville, MD 20850
APPLICANT: United States of America
APPLICANT: 709 Swedeland Road
APPLICANT: King of Prussia, PA 19406
APPLICANT: United States of America
APPLICANT: Rosen, Craig A.
APPLICANT: Gentz, Reinert L.
APPLICANT: Lynn, Sally Doreen Patricia
APPLICANT: Hurle, Mark Robert
TITLE OF INVENTION: Human Tumor Necrosis Factor
TITLE OF INVENTION: Receptor-like 2
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:

Query Match	99.8%	Score 879.4	DB 1	Length 1704
Best Local Similarity	99.9%	Pred. NO. 2.1e-198		
Matches 880	Conservative	1	Indels 0	Gaps 0

QY 1 CCGAGGCATGAGCCTCTCGAGACTGGGGGCTCTCCTCGAATCCACCCGAGAA 60
 |||||||

```

Db      257  CTTGAGGATGAGAGCTCTGAGAGACTGGGGGCTCTCTCCCTGGAGATCCACCCCAAAA 316
QY      61   CCGACGCTTTGAGGCTGGTCTGTATCTCACTTCTCTGGAGCCCTCTGCTTACGCCAG 120
Db      317  CCGACGCTTTGAGGCTGGTCTGTATCTCACTTCTCTGGAGCCCTCTGCTTACGCCAG 376
QY      121  CTCTGCGCTCTGCAAGAGAGAGAGTACCAGTGGGCTCCAGTGTGTGCCCAAGTGA 180
Db      377  CTCTGCGCTCTGCAAGAGAGAGAGTACCAGTGGGCTCCAGTGTGTGCCCAAGTGA 436
QY      181  GTCCAGGTTATCTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 240
Db      437  GTCCAGGTTATCTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 496
QY      241  GCCCTCCAGGACCTTACATTGCCCCACTCAATGGCTTAAGCAAGTGTCTGACGTCCAAA 300
Db      497  GCCCTCCAGGACCTTACATTGCCCCACTCAATGGCTTAAGCAAGTGTCTGACGTCCAAA 556
QY      301  TGTGTGACCAAGCATGGGCTTGCGCGGAGCCGGAAGTGTCTCAAGACAGAACGCCG 360
Db      557  TGTGTGACCAAGCATGGGCTTGCGCGGAGCCGGAAGTGTCTCAAGACAGAACGCCG 616
QY      361  TGTGTGTTGACGAGCCAGGACCTTCTGCAATCTGTCAGAGACGGGAGCCACTGCGCGCGT 420
Db      617  TGTGTGTTGACGAGCCAGGACCTTCTGCAATCTGTCAGAGACGGGAGCCACTGCGCGCGT 676
QY      421  GCCGCGTTTACGCCACTTCCAGCCCGGGCCAGAGGGTGCAGAAAGGAGGACCCGAGAGTC 480
Db      677  GCCGCGTTTACGCCACTTCCAGCCCGGGCCAGAGGGTGCAGAAAGGAGGACCCGAGAGTC 736
QY      481  AGGACACCCCTGTGTCAAACTGCCCCCGGGAGACCTTCTCTCCAAATGGGACCTTGAGG 540
Db      737  AGGACACCCCTGTGTCAAACTGCCCCCGGGAGACCTTCTCTCCAAATGGGACCTTGAGG 796
QY      541  AATGTGACGACCAAGACCAAGTGCAGTGTGTGTGAAGAGCCGGAGCTTGGACACGCA 600
Db      797  AATGTGACGACCAAGACCAAGTGCAGTGTGTGTGAAGAGCCGGAGCTTGGACACGCA 856
QY      601  GCTTCCACTGGGATGTGTGTCTCTCAAGGAGCTCTGTATCTGCAATGTTTGTCTCA 660
Db      857  GCTTCCACTGGGATGTGTGTCTCTCAAGGAGCTCTGTATCTGCAATGTTTGTCTCA 916
QY      661  CAGTTGGCTTAATATATGTGTGAAGAAAGAACCAAGGGGTGATGTGTCAAGGTGA 720
Db      917  CAGTTGGCTTAATATATGTGTGAAGAAAGAACCAAGGGGTGATGTGTCAAGGTGA 976
QY      721  TCGTCTCCGTCACAGGAAAAAGACAGAGGAGGAGGACCAAGTCAATTGAGGCC 780
Db      977  TCGTCTCCGTCACAGGAAAAAGACAGAGGAGGAGGACCAAGTCAATTGAGGCC 1036
QY      781  TGACAGCCCTCTCCGAGCGTCAACAGGTGCGGTGAGAGAGACAATACTTCATTCAAG 840
Db      1037  TGACAGCCCTCTCCGAGCGTCAACAGGTGCGGTGAGAGAGACAATACTTCATTCAAG 1096
QY      841  GAGAGAGCCCAAACTGACCAAGTGCAGACTTCGACCCCGA 881
Db      1097  GAGAGAGCCCAAACTGACCAAGTGCAGACTTCGACCCCGA 1137

```

RESULT 15 PCT-US03-10955-1

```

; Sequence 1, Application PC/TUS0310955
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Antibodies that Specifically Bind to TR2
; FILE REFERENCE: P579PCT
; CURRENT APPLICATION NUMBER: PCT/US03/10955
; PRIOR FILING DATE: 2003-04-10
; PRIOR APPLICATION NUMBER: 60/371,722
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1

```

```

; LENGTH: 1704
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (265) ..(1113)
; OTHER INFORMATION:
PCT-US03-10955-1

```

Query Match 99.8%; Score 879.4; DB 2; Length 1704;
Best Local Similarity 99.9%; Pred. No. 2.1e-198;
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

QY      1   CTTGAGGATGAGAGCTCTGAGAGACTGGGGGCTCTCTCCCTGGAGATCCACCCCAAGAA 60
Db      257  CTTGAGGATGAGAGCTCTGAGAGACTGGGGGCTCTCTCCCTGGAGATCCACCCCAAGAA 316
QY      61   CCGACGCTTTGAGGCTGGTCTGTATCTCACTTCTCTGGAGCCCTCTGCTTACGCCAG 120
Db      317  CCGACGCTTTGAGGCTGGTCTGTATCTCACTTCTCTGGAGCCCTCTGCTTACGCCAG 376
QY      121  CTCTGCGCTCTGCAAGAGAGAGTACCAGTGGGCTCCAGTGTGTGCCCAAGTGA 180
Db      377  CTCTGCGCTCTGCAAGAGAGAGTACCAGTGGGCTCCAGTGTGTGCCCAAGTGA 436
QY      181  GTCCAGGTTATCTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 240
Db      437  GTCCAGGTTATCTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 496
QY      241  GCCCTCCAGGACCTTACATTGCCCCACTCAATGGCTTAAGCAAGTGTCTGACGTCCAAA 300
Db      497  GCCCTCCAGGACCTTACATTGCCCCACTCAATGGCTTAAGCAAGTGTCTGACGTCCAAA 556
QY      301  TGTGTGACCAAGCATGGGCTTGCGCGGAGCCGGAAGTGTCTCAAGACAGAACGCCG 360
Db      557  TGTGTGACCAAGCATGGGCTTGCGCGGAGCCGGAAGTGTCTCAAGACAGAACGCCG 616
QY      361  TGTGTGTTGACGAGCCAGGACCTTCTGCAATCTGTCAGAGACGGGAGCCACTGCGCGCGT 420
Db      617  TGTGTGTTGACGAGCCAGGACCTTCTGCAATCTGTCAGAGACGGGAGCCACTGCGCGCGT 676
QY      421  GCCGCGTTTACGCCACTTCCAGCCCGGGCCAGAGGGTGCAGAAAGGAGGACCCGAGAGTC 480
Db      677  GCCGCGTTTACGCCACTTCCAGCCCGGGCCAGAGGGTGCAGAAAGGAGGACCCGAGAGTC 736
QY      481  AGGACACCCCTGTGTCAAACTGCCCCCGGGAGACCTTCTCTCCAAATGGGACCTTGAGG 540
Db      737  AGGACACCCCTGTGTCAAACTGCCCCCGGGAGACCTTCTCTCCAAATGGGACCTTGAGG 796
QY      541  AATGTGACGACCAAGACCAAGTGCAGTGTGTGTGAAGAGCCGGAGCTTGGACACGCA 600
Db      797  AATGTGACGACCAAGACCAAGTGCAGTGTGTGTGAAGAGCCGGAGCTTGGACACGCA 856
QY      601  GCTTCCACTGGGATGTGTGTCTCTCAAGGAGCTCTGTATCTGCAATGTTTGTCTCA 660
Db      857  GCTTCCACTGGGATGTGTGTCTCTCAAGGAGCTCTGTATCTGCAATGTTTGTCTCA 916
QY      661  CAGTTGGCTTAATATATGTGTGAAGAAAGAACCAAGGGGTGATGTGTCAAGGTGA 720
Db      917  CAGTTGGCTTAATATATGTGTGAAGAAAGAACCAAGGGGTGATGTGTCAAGGTGA 976
QY      721  TCGTCTCCGTCACAGGAAAAAGACAGAGGAGGAGGACCAAGTCAATTGAGGCC 780
Db      977  TCGTCTCCGTCACAGGAAAAAGACAGAGGAGGAGGACCAAGTCAATTGAGGCC 1036
QY      781  TGACAGCCCTCTCCGAGCGTCAACAGGTGCGGTGAGAGAGACAATACTTCATTCAAG 840
Db      1037  TGACAGCCCTCTCCGAGCGTCAACAGGTGCGGTGAGAGAGACAATACTTCATTCAAG 1096
QY      841  GAGAGAGCCCAAACTGACCAAGTGCAGACTTCGACCCCGA 881
Db      1097  GAGAGAGCCCAAACTGACCAAGTGCAGACTTCGACCCCGA 1137

```

Search completed: November 22, 2003, 01:57:46
Job time : 3362 secs

THIS PAGE BLANK (USPTO)

Dh 526 GCCCTCCAGGACCTACATTGCCCCAAGCTCATAGGCTTAACAAAGTGTCTGACGTGCCAA 585
Qy 301 TGTGTGACCCAGCCATGGGCTGTGGCGCGAGCCGGAACTGCTCCAGGACAGAGAACGCCG 360
Dh 586 TGTGTGACCCAGCCATGGGCTGTGGCGCGAGCCGGAACTGCTCCAGGACAGAGAACGCCG 645
Qy 361 TGTGTGTGTGACGCGCCAGGCACTTCTGCATCGTCCAGAGCGGGAGCACTGCGCCGCT 420
Dh 646 TGTGTGTGTGACGCGCCAGGCACTTCTGCATCGTCCAGAGCGGGAGCACTGCGCCGCT 705
Qy 421 GCGCGCTTACGCGACCTCCAGCCCGGGCCAGAGGGTGCAGAAAGGAGGAGCAACCGAGAGTC 480
Dh 706 GCGCGCTTACGCGACCTCCAGCCCGGGCCAGAGGGTGCAGAAAGGAGGAGCAACCGAGAGTC 765
Qy 481 AGGACACCTGTGTGACAGACTGCCCCCGGGAGACTTCTCTCCCAATGGGACCTGGAGG 540
Dh 766 AGGACACCTGTGTGACAGACTGCCCCCGGGAGACTTCTCTCCCAATGGGACCTGGAGG 825
Qy 541 AATGTGACGACCAAGCAAGTGCAGCTGCTGTGAGAGAGCGGGAGCTGGAGCCAGCA 600
Dh 826 AATGTGACGACCAAGCAAGTGCAGCTGCTGTGAGAGAGCGGGAGCTGGAGCCAGCA 885
Qy 601 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGGCTCGTCATGTCATTTGTGCTCCA 660
Dh 886 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGGCTCGTCATGTCATTTGTGCTCCA 945
Qy 661 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTAGTCAAGTGA 720
Dh 946 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTAGTCAAGTGA 1005
Qy 721 TCGTCTCCGTCGACGGGAAAAGACAGAGGACAGAAAGTGAAGCCAGTCAATTGAGGCC 780
Dh 1006 TCGTCTCCGTCGACGGGAAAAGACAGAGGACAGAAAGTGAAGCCAGTCAATTGAGGCC 1065
Qy 781 TGCAGGCCCCCTCCGAGCGTACACAGGCTGGCCGTGAGAGAGCAATACCTCATTTACGG 840
Dh 1066 TGCAGGCCCCCTCCGAGCGTACACAGGCTGGCCGTGAGAGAGCAATACCTCATTTACGG 1125
Qy 841 GGAAGAGCCCAACCACTGACCCACAGACTCTTGACCCCGCA 881
Dh 1126 GGAAGAGCCCAACCACTGACCCACAGACTCTTGACCCCGCA 1166

RESULT 2
US-60-512-690-730
; Sequence 730, Application US/60512690
; GENERAL INFORMATION:
; APPLICANT: DOMON, Bruno
; APPLICANT: HE, Tao
; APPLICANT: LI, Aiqun
; APPLICANT: ZHANG, Xiaolong
; APPLICANT: KETCHUM, Karen
; APPLICANT: MCCAFFERY, Ian
; APPLICANT: NARAYAN, Vaibhav
; TITLE OF INVENTION: PANCREATIC DISEASE TARGETS AND USES
; FILE REFERENCE: CU001478PROV
; CURRENT APPLICATION NUMBER: US/60/512,690
; NUMBER OF SEQ ID NOS: 2003-10-23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 730
; LENGTH: 1517
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-512-690-730

Query Match 99.6%; Score 877.8; DB 7; Length 1517;
Best Local Similarity 99.8%; Pred. No. 1,3e-223;
Matches 879; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1 CCTGAGGATGAGCTCTGAGAGCTGGGGGCTCCCTCGTGAAGATCCACCCCGA 60
|||||

Dh 102 CTTGAGGCAATGAGGCTCTCTGAGAGTGGGGGCTCTCTCCCTGAGAGATCCACCCCGAAA 161
Qy 61 CCGACGCTTGAAGGCTGTGTGTATCTACCTTCTGGAGGCCCCCTGACGCCAG 120
Dh 162 CCGACGCTTGAAGGCTGTGTGTATCTACCTTCTGGAGGCCCCCTGACGCCAG 221
Qy 121 CTGTCCGCTCTGACAGAGAGAGAGTACCCAGTGGGCTTCCAGAGTCTCCCAATGCA 180
Dh 222 CTGTCCGCTCTGACAGAGAGAGAGTACCCAGTGGGCTTCCAGAGTCTCCCAATGCA 281
Qy 181 GTCCAGGTTATCGTGTGAAGAGAGGCTGGGGAGCTGACAGGAGCAGTGTGAACCT 240
Dh 282 GTCCAGGTTATCGTGTGAAGAGAGGCTGGGGAGCTGACAGGAGCAGTGTGAACCT 341
Qy 241 GCCCTCAGAGCACTTACATTGCCCCCAATGAGCTTAAGCAAGTGTGCAAGTCCAA 300
Dh 342 GCCCTCAGAGCACTTACATTGCCCCCAATGAGCTTAAGCAAGTGTGCAAGTCCAA 401
Qy 301 TGTGTGACCCAGCAGGAGGCTGGGCGAGCCGGAAGCTTCCAGAGAGAGAGCGCG 360
Dh 402 TGTGTGACCCAGCAGGAGGCTGGGCGAGCCGGAAGCTTCCAGAGAGAGAGCGCG 461
Qy 361 TGTGTGTGTGACGCGCCAGGCACTTCTGCATCGTCCAGAGAGGAGCACTGGCGCGT 420
Dh 462 TGTGTGTGTGACGCGCCAGGCACTTCTGCATCGTCCAGAGAGGAGCACTGGCGCGT 521
Qy 421 GCGCGCTTACGCGACCTTCCAGGCGGCGAGAGGCTGCAAGAGAGAGCAACCGAGAGTC 480
Dh 522 GCGCGCTTACGCGACCTTCCAGGCGGCGAGAGGCTGCAAGAGAGAGCAACCGAGAGTC 581
Qy 481 AGGACACCTGTGTGACAGACTGCCCCCGGGAGACTTCTCTCCCAATGGGACCTGGAGG 540
Dh 582 AGGACACCTGTGTGACAGACTGCCCCCGGGAGACTTCTCTCCCAATGGGACCTGGAGG 641
Qy 541 AATGTGACGACCAAGCAAGTGCAGCTGCTGTGAGAGAGCGGGAGCTGGAGCCAGCA 600
Dh 642 AATGTGACGACCAAGCAAGTGCAGCTGCTGTGAGAGAGCGGGAGCTGGAGCCAGCA 701
Qy 601 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGGCTCGTCATGTCATTTGTGCTCCA 660
Dh 702 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGGCTCGTCATGTCATTTGTGCTCCA 761
Qy 661 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTAGTCAAGTGA 720
Dh 762 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTAGTCAAGTGA 821
Qy 721 TCGTCTCCGTCGACGGGAAAAGACAGAGGACAGAAAGTGAAGCCAGTCAATTGAGGCC 780
Dh 822 TCGTCTCCGTCGACGGGAAAAGACAGAGGACAGAAAGTGAAGCCAGTCAATTGAGGCC 881
Qy 781 TGCAGGCCCCCTCCGAGCGTACACAGGCTGGCCGTGAGAGAGCAATACCTCATTTACGG 840
Dh 882 TGCAGGCCCCCTCCGAGCGTACACAGGCTGGCCGTGAGAGAGCAATACCTCATTTACGG 941
Qy 841 GGAAGAGCCCAACCACTGACCCACAGACTCTGACCCCGCA 881
Dh 942 GGAAGAGCCCAACCACTGACCCACAGACTCTGACCCCGCA 982

RESULT 3
US-60-512-690-729
; Sequence 729, Application US/60512690
; GENERAL INFORMATION:
; APPLICANT: DOMON, Bruno
; APPLICANT: HE, Tao
; APPLICANT: LI, Aiqun
; APPLICANT: ZHANG, Xiaolong
; APPLICANT: KETCHUM, Karen
; APPLICANT: MCCAFFERY, Ian
; APPLICANT: NARAYAN, Vaibhav
; TITLE OF INVENTION: PANCREATIC DISEASE TARGETS AND USES
; FILE REFERENCE: CU001478PROV

/ CURRENT APPLICATION NUMBER: US/60/512,690
/ CURRENT FILING DATE: 2003-10-23
/ NUMBER OF SEQ ID NOS: 1027
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 729
/ LENGTH: 1550
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-60-512-690-729

Query Match 99.6%; Score 877.8; DB 7; Length 1550;
Best Local Similarity 99.8%; Pred. No. 1.3e-223;
Matches 879; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCTGAGCATGAGAGCTCTGAGAGCTGGAGGCGCTCTCTGAGATCCACCCAGAA 60
DB 135 CCTGAGCATGAGAGCTCTGAGAGCTGGAGGCGCTCTCTGAGATCCACCCAGAA 194
QY 61 CCGACGCTTGGAGCTGTGTGTATCTCACTTCTGGAGCCCTGCTAGCCCCAG 120
DB 195 CCGAGCTTTGAGGCTGTGTGTATCTCACTTCTGGAGCCCTGCTAGCCCCAG 254
QY 121 CTCTGCGCTCTGCAAGAGAGAGATCCAGTGGCTCCGAGTCTGCCCAAGTGA 180
DB 255 CTCTGCGCTCTGCAAGAGAGAGATCCAGTGGCTCCGAGTCTGCCCAAGTGA 314
QY 181 GTCCAGTTATGTTGTAAGAGAGGCTGGGGAGCTGACGGGCAAGTGTGAACCT 240
DB 315 GTCCAGTTATGTTGTAAGAGAGGCTGGGGAGCTGACGGGCAAGTGTGAACCT 374
QY 241 GCCCTTCAGAGCACTTATGCTCCACTATGCTTAAGCAAGTGTGTGAGTCCAA 300
DB 375 GCCCTTCAGAGCACTTATGCTCCACTATGCTTAAGCAAGTGTGTGAGTCCAA 434
QY 301 TGTGTACCCAGCAATGAGGCTGTGGGCGGAGAGTCTTCAGAGACAGAGCCCG 360
DB 435 TGTGTACCCAGCAATGAGGCTGTGGGCGGAGAGTCTTCAGAGACAGAGCCCG 494
QY 361 TGTGTGTGTGAGCCAGGCGCACTTGTGATGCTTCAGAGACAGAGCCCGGCT 420
DB 495 TGTGTGTGTGAGCCAGGCGCACTTGTGATGCTTCAGAGACAGAGCCCGGCT 554
QY 421 GCCGCGCTTACGCACTTCAGGCGCGGAGAGGCTGAGAGAGGAGCCAGAGATC 480
DB 555 GCCGCGCTTACGCACTTCAGGCGCGGAGAGGCTGAGAGAGGAGCCAGAGATC 614
QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGGACCTTGAGG 540
DB 615 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGGACCTTGAGG 674
QY 541 AATGTACAGCAGAACCAAGTGAAGTGTGTGAGAGCCGAGAGCTGGAGCCAGCA 600
DB 675 AATGTACAGCAGAACCAAGTGAAGTGTGTGAGAGCCGAGAGCTGGAGCCAGCA 734
QY 601 GCTCCCACTGGGTATGTTGTTTCTCTCAGGAGCTCTGCAATGCTATTTTGTCTCA 660
DB 735 GCTCCCACTGGGTATGTTGTTTCTCTCAGGAGCTCTGCAATGCTATTTTGTCTCA 794
QY 661 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTATGTAGTCAAGTGA 720
DB 795 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTATGTAGTCAAGTGA 854
QY 721 TGGTCTCGGTCCAGGGGAAAAGACAGGAGGCAAGAGTGAAGCCACAGTCAATTAGGCCC 780
DB 855 TGGTCTCGGTCCAGGGGAAAAGACAGGAGGCAAGAGTGAAGCCACAGTCAATTAGGCCC 914
QY 781 TGCAGGCGCTCTCGAGAGTCAACACAGTGGCGGTGAGAGAGCAATACCTCATTTACCGG 840
DB 915 TGCAGGCGCTCTCGAGAGTCAACACAGTGGCGGTGAGAGAGCAATACCTCATTTACCGG 974
QY 841 GAGAGAGCCCAACCACTGACCCACAGACTCTTGACCCCGCA 881
DB 975 GAGAGAGCCCAACCACTGACCCACAGACTCTTGACCCCGCA 1015

RESULT 4
US-10-322-281-545

/ Sequence 545, Application US/10322281
/ GENERAL INFORMATION:
/ APPLICANT: David W. Morris
/ APPLICANT: Marc S. Malandro
/ TITLE OF INVENTION: Novel Compositions and Methods in Cancer
/ FILE REFERENCE: 529452001000
/ CURRENT APPLICATION NUMBER: US/10/322,281
/ NUMBER OF SEQ ID NOS: 866
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 545
/ LENGTH: 1558
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-322-281-545

Query Match 99.6%; Score 877.8; DB 6; Length 1558;
Best Local Similarity 99.8%; Pred. No. 1.3e-223;
Matches 879; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCTGAGCATGAGAGCTCTGAGAGCTGGAGGCGCTCTCTGAGATCCACCCAGAA 60
DB 141 CCTGAGCATGAGAGCTCTGAGAGCTGGAGGCGCTCTCTGAGATCCACCCAGAA 200
QY 61 CCGACGCTTGGAGCTGTGTGTATCTCACTTCTGGAGCCCTGCTAGCCCCAG 120
DB 201 CCGAGCTTTGAGGCTGTGTGTATCTCACTTCTGGAGCCCTGCTAGCCCCAG 260
QY 121 CTCTGCGCTCTGCAAGAGAGAGATCCAGTGGCTCCGAGTCTGCCCAAGTGA 180
DB 261 CTCTGCGCTCTGCAAGAGAGAGATCCAGTGGCTCCGAGTCTGCCCAAGTGA 320
QY 181 GTCCAGTTATGTTGTAAGAGAGGCTGGGGAGCTGACGGGCAAGTGTGAACCT 240
DB 321 GTCCAGTTATGTTGTAAGAGAGGCTGGGGAGCTGACGGGCAAGTGTGAACCT 380
QY 241 GCCCTTCAGAGCACTTATGCTCCACTATGCTTAAGCAAGTGTGTGAGTCCAA 300
DB 381 GCCCTTCAGAGCACTTATGCTCCACTATGCTTAAGCAAGTGTGTGAGTCCAA 440
QY 301 TGTGTACCCAGCAATGAGGCTGTGGGCGGAGAGTCTTCAGAGACAGAGCCCG 360
DB 441 TGTGTACCCAGCAATGAGGCTGTGGGCGGAGAGTCTTCAGAGACAGAGCCCG 500
QY 361 TGTGTGTGTGAGCCAGGCGCACTTGTGATGCTTCAGAGACAGAGCCCGGCT 420
DB 501 TGTGTGTGTGAGCCAGGCGCACTTGTGATGCTTCAGAGACAGAGCCCGGCT 560
QY 421 GCCGCGCTTACGCACTTCAGGCGCGGAGAGGCTGAGAGAGGAGCCAGAGATC 480
DB 561 GCCGCGCTTACGCACTTCAGGCGCGGAGAGGCTGAGAGAGGAGCCAGAGATC 620
QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGGACCTTGAGG 540
DB 621 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGGACCTTGAGG 680
QY 541 AATGTACAGCAGAACCAAGTGAAGTGTGTGAGAGCCGAGAGCTGGAGCCAGCA 600
DB 681 AATGTACAGCAGAACCAAGTGAAGTGTGTGAGAGCCGAGAGCTGGAGCCAGCA 740
QY 601 GCTCCCACTGGGTATGTTGTTTCTCTCAGGAGCTCTGCAATGCTATTTTGTCTCA 660
DB 741 GCTCCCACTGGGTATGTTGTTTCTCTCAGGAGCTCTGCAATGCTATTTTGTCTCA 800
QY 661 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTATGTAGTCAAGTGA 720
DB 801 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTATGTAGTCAAGTGA 860
QY 721 TGGTCTCGGTCCAGGGGAAAAGACAGGAGGCAAGAGTGAAGCCACAGTCAATTAGGCCC 780

Qy	Db	Qy	Db
781	861	841	981
TGCAAGCCCTCCGAGAGTCACACGCTGGCGGTGAGAGACAATACCTCATTACAGG	TCGCTCTCCGTCAGCGGAAAAAGCAGAGAGCGAAGAGTGAGGCCCACTATTGAGGCCC	GGAGAGCCCAACCACTGACCCAGACGACTCTGCACCCCGA	GAGAGACCCCAACCACTGACCCAGACTCTGCACCCCGA
840	920	881	1021

RESULT 5
US-60-512-690-731

```

Sequence 731, Application US/60512690
GENERAL INFORMATION:
APPLICANT: DOMON, Bruno
APPLICANT: HE, Tao
APPLICANT: LI, Aiqun
APPLICANT: ZHANG, Xiaolong
APPLICANT: KETCHUM, Karen
APPLICANT: MCCAFFERY, Ian
APPLICANT: NARAYAN, Vaibhav
TITLE OF INVENTION: PANCREATIC DISEASE TARGETS AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: CL001478PROV
CURRENT APPLICATION NUMBER: US/60/512,690
CURRENT FILING DATE: 2003-10-23
NUMBER OF SEQ ID NOS: 1027
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 731
LENGTH: 1558
TYPE: DNA
ORGANISM: Homo sapiens
US-60-512-690-731

```

Query Match	99.6%	Score 877.8	DB 7	Length 1558
Best Local Similarity	99.8%	Pred. No. 1.3e-223		
Matches 879	Conservative 2	Mismatches 0	Indels 0	Gaps 0

OY		CTGAGGCAATGAGAGCCCTCCGTGAGATCGGGGGGCTCTCCCTGAGAGATCCACCCCAAGAA	60
Db	143	CTGAGGCAATGAGAGCCCTCCGTGAGATCGGGGGGCTCTCCCTGAGAGATCCACCCCAAGAA	20
OY		CCGACGCTCTTGAGCGTGTGTCTGATCTGACCTTCCGTGGAGCCCCCTGTACGCCCCAG	120
Db	203	CCGACGCTCTTGAGCGTGTGTCTGATCTGACCTTCCGTGGAGCCCCCTGTACGCCCCAG	26
OY	121	CTCTGCGGCTCTCGAAGAGAGAGAGTACCCAGTGGGCTCCGAGTGTCTGCCCAAGTGA	180
Db	263	CTCTGCGGCTCTCGAAGAGAGAGAGTACCCAGTGGGCTCCGAGTGTCTGCCCAAGTGA	322
OY	181	GTCGAGGTTATCGTGTGAAGAGAGCGCTGGCGGGAGCTGACGGGCAACAGTGTGTGAACCT	240
Db	323	GTCGAGGTTATCGTGTGAAGAGAGCGCTGGCGGGAGCTGACGGGCAACAGTGTGTGAACCT	382
OY	241	GCCTTCCAGGCACTTAATTGTCCCACTCAATGGCCTAATGCAATGTGTGCAATGTCCAAA	300
Db	383	GCCTTCCAGGCACTTAATTGTCCCACTCAATGGCCTAATGCAATGTGTGCAATGTCCAAA	442
OY	301	TGTGTGACCAAGCCATGGGCTGTGGCGGAGCGGAACTGTCTCAGAGACAGAGAAACGCG	360
Db	443	TGTGTGACCAAGCCATGGGCTGTGGCGGAGCGGAACTGTCTCAGAGACAGAGAAACGCG	502
OY	361	TGTGTGTTGTGAGCCCAAGGCCAATTCTGCATGTCTCAGAGACGGGGACCACTGTGCGCGGT	420
Db	503	TGTGTGTTGTGAGCCCAAGGCCAATTCTGCATGTCTCAGAGACGGGGACCACTGTGCGCGGT	562
OY	421	GCAGCGCTTAAGCAACTCTCAGGCGCGGGCCAGAGGGGTGACAGAAAGGAGGCAACGAGATC	480
Db	563	GCAGCGCTTAAGCAACTCTCAGGCGCGGGCCAGAGGGGTGACAGAAAGGAGGCAACGAGATC	622
OY	481	AGGACACCTGTGTGACAACTGCCCCCGGGAGCCTTCTCTCCCAATGGGACCTTGAGG	540

Db	623	AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGGACCTTGAGG	6823
Qy	541	AAATGTACAGACCAAGTGCACAGTGGCTGTGTGACGAAGGCGGAGCTGGACCCAGCA	6000
Db	683	AAATGTACAGACCAAGTGCACAGTGGCTGTGTGACGAAGGCGGAGCTGGGACCCAGCA	7421
Qy	601	GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGGCTGTGATCGATATTGTTTGCTCA	6606
Db	743	GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGGCTGTGATCGATATTGTTTGCTCA	8020
Qy	661	CAGTTGGCCTAATCATATGTGTGAAAAGAAAGAACCAAGGGGTGATGTAGTCAAGGTGA	7202
Db	803	CAGTTGGCCTAATCATATGTGTGAAAAGAAAGAACCAAGGGGTGATGTAGTCAAGGTGA	8628
Qy	721	TGCTCTCCGTCAGAGGGGAAAAGACAGAGGCGAGAAAGGTGAGGCGCACATTTGAGGCCC	7808
Db	863	TGCTCTCCGTCAGAGGGGAAAAGACAGAGGCGAGAAAGGTGAGGCGCACATTTGAGGCCC	9222
Qy	781	TGCAAGGCCCCCTCCGAGCGTCACACAGGTGGCCGTTGAGAGACAAATACCTCATTTACGG	8400
Db	923	TGCAAGGCCCCCTCCGAGCGTCACACAGGTGGCCGTTGAGAGACAAATACCTCATTTACGG	9820
Qy	841	GGAGAGGCCCAAAACCATGTGACCCACAGACTGTGACCCCGCA	881
Db	983	GGAGAGGCCCAAAACCATGTGACCCACAGACTGTGACCCCGCA	1023

RESULT 6
US-10-322-281-547

```

: Sequence 547, Application US/10322281
:
: GENERAL INFORMATION:
:
: APPLICANT: David W. Morris
: APPLICANT: Marc S. Malandro
: TITLE OF INVENTION: Novel Compositions and Methods in Cancer
: FILE REFERENCE: 529452001000
: CURRENT APPLICATION NUMBER: US/10/322,281
: CURRENT FILING DATE: 2002-12-17
: NUMBER OF SEQ. ID NOS: 866
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 547
: LENGTH: 1930
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-10-322-281-547

```

Query Match	99.6%	Score 877.8	DB 6	Length 1930
Best Local Similarity	99.8%	Pred. No. 1.4e-223		
Matches 879	Conservative 0	Mismatches 2	Indels 0	Gaps 0

[illegible]

QY 361 TGTGTGTTGACAGCCAGGACCACTTCTGATCTCCAGAGCGGGGACCACTGGCCGCT 420
Db 873 TGTGTGTTGACAGCCAGGACCACTTCTGATCTCCAGAGCGGGGACCACTGGCCGCT 932
QY 421 GCCCGCTTAAAGCACTTCCAGCCCGGACCAAGGTTGAGAGAGGACCGAGAGTC 480
Db 933 GCCCGCTTAAAGCACTTCCAGCCCGGACCAAGGTTGAGAGAGGACCGAGAGTC 992
QY 481 AGGACACCTGTGTGAACTGCCCCCGGGGACCTTCTCTCCAAATGGGACCTTGAAG 540
Db 993 AGGACACCTGTGTGAACTGCCCCCGGGGACCTTCTCTCCAAATGGGACCTTGAAG 1052
QY 541 AATGTAGACACGACCAAGTGTGAGTGGTGTGAGAGCGGAGCTGGGACCGAGCA 600
Db 1053 AATGTAGACACGACCAAGTGTGAGTGGTGTGAGAGCGGAGCTGGGACCGAGCA 1112
QY 601 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGCCTCTGATCTGATTTGTGCTCA 660
Db 1113 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGCCTCTGATCTGATTTGTGCTCA 1172
QY 661 CAGTTGACCTAATCATATGTGTGAAAGAAAGCAAGGGGTGATGTAGTCAAGTGA 720
Db 1173 CAGTTGACCTAATCATATGTGTGAAAGAAAGCAAGGGGTGATGTAGTCAAGTGA 1232
QY 721 TCGTCTCCGTCAGCGGAAAGACAGAGGACAGAGTGTGAGGACCACTGATTTGAGGCC 780
Db 1233 TCGTCTCCGTCAGCGGAAAGACAGAGGACAGAGTGTGAGGACCACTGATTTGAGGCC 1292
QY 781 TCGAGGCCCCCTCCGAGCTGACACAGGTGGCGGTGAGAGAGCAATATCTCAATTGACGG 840
Db 1293 TCGAGGCCCCCTCCGAGCTGACACAGGTGGCGGTGAGAGAGCAATATCTCAATTGACGG 1352
QY 841 GGAGGAGCCCAACCACTGACCCACAGACTCTGGACCCCGCA 881
Db 1353 GGAGGAGCCCAACCACTGACCCACAGACTCTGGACCCCGCA 1393

RESULT 7
US-10-322-281-549
Sequence 549, Application US/10322281
GENERAL INFORMATION:
APPLICANT: David W. Morris
APPLICANT: Marc S. Malandro
TITLE OF INVENTION: Novel Compositions and Methods in Cancer
FILE REFERENCE: 529452001000
CURRENT FILING DATE: 2002-12-17
NUMBER OF SEQ ID NOS: 866
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 549
LENGTH: 2260
TYPE: DNA
ORGANISM: Homo sapiens
US-10-322-281-549

Query Match 99.6%; Score 877.8; DB 6; Length 2260;
Best Local Similarity 99.8%; Pred. No. 1.5e-223;
Matches 879; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCTGAGCATGAGAGCTCTCTGAGAGTGGGGCTCTCTCTGAGATCAACCCAGAA 60
Db 845 CCTGAGCATGAGAGCTCTCTGAGAGTGGGGCTCTCTCTGAGATCAACCCAGAA 904
QY 61 CCGAGCTCTTGAAGGCTGTGTCTGATCTCACTTCTGGAGCCCCCTGCTACGCCCGAG 120
Db 905 CCGAGCTCTTGAAGGCTGTGTCTGATCTCACTTCTGGAGCCCCCTGCTACGCCCGAG 964
QY 121 CTCTGCGGCTCTGCAAGAGAGCAAGTACCAAGTGGGCTCCGAGTCTGCGCCCAAGTGA 180
Db 965 CTCTGCGGCTCTGCAAGAGAGCAAGTACCAAGTGGGCTCCGAGTCTGCGCCCAAGTGA 1024
QY 181 GTCAAGTTATCGTGTGAAGAGAGGCTGCGGGAGCTGACGGGCAACAGTGTGAACCT 240

Db 1025 GTCAAGTTATCGTGTGAAGAGAGGCTGCGGGAGCTGACGGGCAACAGTGTGAACCT 1084
QY 241 GCCCTCAGAGCACTTATCTGCTCCACCTCAATATGCTTAAGCAAGTGTCTGACATGCCAA 300
Db 1085 GCCCTCAGAGCACTTATCTGCTCCACCTCAATATGCTTAAGCAAGTGTCTGACATGCCAA 1144
QY 301 TGTGTGACACGACATGGGCTGTGCGGCGAGCGGAACTGCTCAGAGACAGAAAGCGCG 360
Db 1145 TGTGTGACACGACATGGGCTGTGCGGCGAGCGGAACTGCTCAGAGACAGAAAGCGCG 1204
QY 361 TGTGTGTTGACAGCCAGGACCACTTCTGATCTCCAGAGCGGGGACCACTGGCCGCT 420
Db 1205 TGTGTGTTGACAGCCAGGACCACTTCTGATCTCCAGAGCGGGGACCACTGGCCGCT 1264
QY 421 GCCCGCTTAAAGCACTTCCAGCCCGGACCAAGGTTGAGAGAGGACCGAGAGTC 480
Db 1265 GCCCGCTTAAAGCACTTCCAGCCCGGACCAAGGTTGAGAGAGGACCGAGAGTC 1324
QY 481 AGGACACCTGTGTGAACTGCCCCCGGGGACCTTCTCCAAATGGGACCTTGAAG 540
Db 1325 AGGACACCTGTGTGAACTGCCCCCGGGGACCTTCTCCAAATGGGACCTTGAAG 1384
QY 541 AATGTAGACACGACCAAGTGTGAGTGGTGTGAGAGCGGAGCTGGGACCGAGCA 600
Db 1385 AATGTAGACACGACCAAGTGTGAGTGGTGTGAGAGCGGAGCTGGGACCGAGCA 1444
QY 601 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGCCTCTGATCTGATTTGTGCTCA 660
Db 1445 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGCCTCTGATCTGATTTGTGCTCA 1504
QY 661 CAGTTGACCTAATCATATGTGTGAAAGAAAGCAAGGGGTGATGTAGTCAAGTGA 720
Db 1505 CAGTTGACCTAATCATATGTGTGAAAGAAAGCAAGGGGTGATGTAGTCAAGTGA 1564
QY 721 TCGTCTCCGTCAGCGGAAAGACAGAGGACAGAGTGTGAGGACCACTGATTTGAGGCC 780
Db 1565 TCGTCTCCGTCAGCGGAAAGACAGAGGACAGAGTGTGAGGACCACTGATTTGAGGCC 1624
QY 781 TCGAGGCCCCCTCCGAGCTGACACAGGTGGCGGTGAGAGAGCAATATCTCAATTGACGG 840
Db 1625 TCGAGGCCCCCTCCGAGCTGACACAGGTGGCGGTGAGAGAGCAATATCTCAATTGACGG 1684
QY 841 GGAGGAGCCCAACCACTGACCCACAGACTCTGGACCCCGCA 881
Db 1685 GGAGGAGCCCAACCACTGACCCACAGACTCTGGACCCCGCA 1725

RESULT 8
US-60-512-690-728
Sequence 728, Application US/60512690
GENERAL INFORMATION:
APPLICANT: DOMON, Bruno
APPLICANT: HE, Tao
APPLICANT: LI, Aigun
APPLICANT: ZHANG, Xiaolong
APPLICANT: KETCHUM, Karen
APPLICANT: MCCAFFERY, Ian
APPLICANT: NARAYAN, Vaibhav
TITLE OF INVENTION: PANCREATIC DISEASE TARGETS AND USES
FILE REFERENCE: C1001478PROV
CURRENT FILING DATE: 2003-10-23
NUMBER OF SEQ ID NOS: 1027
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 728
LENGTH: 2271
TYPE: DNA
ORGANISM: Homo sapiens
US-60-512-690-728

Query Match 99.6%; Score 877.8; DB 7; Length 2271;

Best Local Similarity 99.8%; Pred. No. 1.5e-223;
Matches 879; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 1 CCTGAGGAGATGAGAGCTCTGAGAGACTGGGGGCTCTCTCTCTGAGATCCACCCCGAGAA 60
Db 856 CTTGAGGAGATGAGAGCTCTGAGAGACTGGGGGCTCTCTCTCTGAGATCCACCCCGAGAA 915
QY 61 CCGAGCTTTGAGGCTGTGTATCTCACTTCTGAGAGCCCTCTGCTAGCCCGCAG 120
Db 916 CCGAGCTTTGAGGCTGTGTATCTCACTTCTGAGAGCCCTCTGCTAGCCCGCAG 975
QY 121 CTGCGCGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
Db 976 CTGCGCGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1035
QY 181 GTCCAGGTTATCTGTATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
Db 1036 GTCCAGGTTATCTGTATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1095
QY 241 GCCCTCCAGGAGCTTACATTTGCCCACTCAATGAGCTTAAGCAAGTGTCTGAGTGCAGAA 300
Db 1096 GCCCTCCAGGAGCTTACATTTGCCCACTCAATGAGCTTAAGCAAGTGTCTGAGTGCAGAA 1155
QY 301 TGTGTGACCAAGCCATGGGCTGGCGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
Db 1156 TGTGTGACCAAGCCATGGGCTGGCGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1215
QY 361 TGTGTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420
Db 1216 TGTGTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1275
QY 421 GCCCGCTTACGAGCACTTCCAGCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
Db 1276 GCCCGCTTACGAGCACTTCCAGCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1335
QY 481 AGGACACCCGTGTGTACAACTGCCCCCGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 540
Db 1336 AGGACACCCGTGTGTACAACTGCCCCCGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1395
QY 541 AATATGACGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 600
Db 1396 AATATGACGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1455
QY 601 GCTCCCACTGGGATGTGTGTTCTCTGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 660
Db 1456 GCTCCCACTGGGATGTGTGTTCTCTGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1515
QY 661 CAGTTGGCTTATATATATGTGTGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720
Db 1516 CAGTTGGCTTATATATATGTGTGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1575
QY 721 TCGTCTCCGTCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780
Db 1576 TCGTCTCCGTCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1635
QY 781 TGACAGCCCTCTCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 840
Db 1636 TGACAGCCCTCTCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1695
QY 841 GGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 881
Db 1696 GGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1736

```

RESULT 9
PCT-US03-28227-439
Sequence 439; Application PC/TUS0328227

GENERAL INFORMATION:
APPLICANT: INCYTE CORPORATION; SCHMIDT, Jeanette P.;
APPLICANT: WRIGHT, Rachel J.; BRUNS, Christopher M.;
APPLICANT: MARJANOVIC, Mirjana M.; SHEN, Fan;
APPLICANT: HARTSHORNE, Joanne A.; SUCHOROLSKI, Martin;
APPLICANT: ALTUS, Christina M.; PITTS, Steven J.;

```

APPLICANT: EIDER, Linda V.; MOONEY, Elizabeth M.;
APPLICANT: DELEGANE, Angelo M.; PANESAR, Iqbal S.;
APPLICANT: BANVILLE, Steven C.; REDDY, Thirupathi P.;
APPLICANT: STEVENS, Kristian A.; BLANCHARD, John L.;
APPLICANT: PANZER, Scott R.; WANG, Xinhao;
APPLICANT: AL, Alan P.; GERSTIN, Edward H., Jr.;
APPLICANT: PERALTA, Carey H.; ANDERSON, Scott E.;
APPLICANT: RIGOUX, Pierre; SHEN, Edward J.;
APPLICANT: WU, Mingham C.; STUVE, Laura L.;
APPLICANT: LAGACE, Robert E.; SPIRO, Peter A.;
APPLICANT: STEWART, Elizabeth A.; WINGROVE, James A.;
APPLICANT: VITT, Ursula A.; KIRTON, Edward;
APPLICANT: XU, Yuming; KWONG, Mary;
APPLICANT: POLICKY, Jennifer L.; HURWITZ, Bonnie L.;
APPLICANT: MA, Yan; JACKSON, Jennifer L.;
APPLICANT: GIETZEN, Darryl; PATURY, Sirkanth;
APPLICANT: SHI, Xiaobing; SUAREZ, Charlyn J.
TITLE OF INVENTION: MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PN-0100 PCT
CURRENT APPLICATION NUMBER: PCT/US03/28227
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: US 60/410,260
PRIOR FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: US 60/410,259
PRIOR FILING DATE: 2002-09-12
NUMBER OF SEQ ID NOS: 5444
SOFTWARE: PERL Program
SEQ ID NO 439
LENGTH: 1540
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No: 928524.PT146
PCT-US03-28227-439

```

Query Match 90.5%; Score 797.2; DB 1; Length 1540;
Best Local Similarity 99.8%; Pred. No. 3.7e-202; Indels 0; Gaps 0;
Matches 799; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

QY 1 CCTGAGGAGATGAGAGCTCTGAGAGACTGGGGGCTCTCTCTCTGAGATCCACCCCGAGAA 60
Db 102 CTTGAGGAGATGAGAGCTCTGAGAGACTGGGGGCTCTCTCTCTGAGATCCACCCCGAGAA 161
QY 61 CCGAGCTTTGAGGCTGTGTATCTCACTTCTGAGAGCCCTCTGCTAGCCCGCAG 120
Db 162 CCGAGCTTTGAGGCTGTGTATCTCACTTCTGAGAGCCCTCTGCTAGCCCGCAG 221
QY 121 CTGCGCGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
Db 222 CTGCGCGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 281
QY 181 GTCCAGGTTATCTGTATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
Db 282 GTCCAGGTTATCTGTATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 341
QY 241 GCCCTCCAGGAGCTTACATTTGCCCACTCAATGAGCTTAAGCAAGTGTCTGAGTGCAGAA 300
Db 342 GCCCTCCAGGAGCTTACATTTGCCCACTCAATGAGCTTAAGCAAGTGTCTGAGTGCAGAA 401
QY 301 TGTGTGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
Db 402 TGTGTGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 461
QY 462 TGTGTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420
Db 462 TGTGTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 521
QY 421 GCCCGCTTACGAGCACTTCCAGCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
Db 522 GCCCGCTTACGAGCACTTCCAGCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 581
QY 481 AGGACACCCGTGTGTACAACTGCCCCCGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 540

```

Db 582 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCCCAATGAGACCTGGAGG 641
 Qy 541 AATGTGACGACGAGACCAAGTGCAGTGTGTCGAGAGGCGGAGCTGGAGACAGCA 600
 Db 642 AATGTGACGACGAGACCAAGTGCAGTGTGTCGAGAGGCGGAGCTGGAGACAGCA 701
 Qy 601 GCTCCCACTGAGTATGAGTGGTTCCTCTCAGGAGAGCTGTCATTCGTCATTTGCTCCA 660
 Db 702 GCTCCCACTGAGTATGAGTGGTTCCTCTCAGGAGAGCTGTCATTCGTCATTTGCTCCA 761
 Qy 661 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTGTAAGTGA 720
 Db 762 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTGTAAGTGA 821
 Qy 721 TCGTCCGCTCAGAGGGAAGAAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 780
 Db 822 TCGTCCGCTCAGAGGGAAGAAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 881
 Qy 781 TCGAGGCCCCCTCCGAGAGTCAAC 802
 Db 882 TCGAGGCCCCCTCCGAGAGTCAAC 903

RESULT 10
 PCT-US03-28227-438
 ; Sequence 438, Application PC/TUS0328227
 ; GENERAL INFORMATION:

; APPLICANT: INCYTE CORPORATION; SCHMIDT, Jeanette P.;
 ; APPLICANT: WRIGHT, Rachel J.; BRUNS, Christopher M.;
 ; APPLICANT: MARJANOVIC, Mirjana M.; SHEN, Fan;
 ; APPLICANT: HARTSHORNE, ToINETTE A.; SUCHOROLSKI, Martin;
 ; APPLICANT: ALTUS, Christina M.; PITTS, Steven J.;
 ; APPLICANT: ELDER, Linda V.; MOONEY, Elizabeth M.;
 ; APPLICANT: DELEGANE, Angelo M.; PANESAR, Iqbal S.;
 ; APPLICANT: BANVILLE, Steven C.; REDDY, Thirupathi P.;
 ; APPLICANT: STEVENS, Kristian A.; BLANCHARD, John L.;
 ; APPLICANT: PANZER, Scott R.; WANG, Xinhao;
 ; APPLICANT: AU, Alan P.; GERSTIN, Edward H., Jr.;
 ; APPLICANT: PERALTA, Careyna H.; ANDERSON, Scott E.;
 ; APPLICANT: RIOUX, Pierre; SHEN, Edward J.;
 ; APPLICANT: WU, Mingham C.; STUVE, Laura L.;
 ; APPLICANT: LAGACE, Robert E.; SPIRO, Peter A.;
 ; APPLICANT: STEWART, Elizabeth A.; WINGROVE, James A.;
 ; APPLICANT: VITTE, Ursula A.; KIRTON, Edward;
 ; APPLICANT: XU, Yuming; KWONG, Mary;
 ; APPLICANT: POLICKY, Jennifer L.; HORWITZ, Bonnie L.;
 ; APPLICANT: MA, Yan; JACKSON, Jennifer L.;
 ; APPLICANT: GIERTZEN, Daryl; PATURY, Srikanth;
 ; APPLICANT: SHI, Xiaobing; SUAREZ, Charlyn J.
 ; TITLE OF INVENTION: MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS
 ; FILE REFERENCE: PN-0100 PCT
 ; CURRENT APPLICATION NUMBER: PCT/US03/28227
 ; CURRENT FILING DATE: 2003-09-12
 ; PRIOR APPLICATION NUMBER: US 60/410,260
 ; PRIOR FILING DATE: 2002-09-12
 ; PRIOR APPLICATION NUMBER: US 60/410,259
 ; PRIOR FILING DATE: 2002-09-12
 ; NUMBER OF SEQ ID NOS: 5444
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 438
 ; LENGTH: 1583
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc. feature
 ; OTHER INFORMATION: Incyte ID No: 928524.PT139
 PCT-US03-28227-438

Query Match 90.5%; Score 797.2; DB 1; Length 1583;
 Best Local Similarity 99.6%; Pred. No. 3.7e-202;
 Matches 799; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CCTGAGGATGAGAGCTCTCTGAGAGCTGAGAGGAGCTCTCTCTGAGAGTACACCCCGAGAA 60
 Db 145 CCTGAGGATGAGAGCTCTCTGAGAGCTGAGAGGAGCTCTCTCTGAGAGTACACCCCGAGAA 204
 Qy 61 CCGAGCTCTTGAAGGCTGTGCTGTAATCTCACTTCTCTGAGAGGAGCTCTCTGAGAGGAG 120
 Db 205 CCGAGCTCTTGAAGGCTGTGCTGTAATCTCACTTCTCTGAGAGGAGCTCTCTGAGAGGAG 264
 Qy 121 CTCTGCGCTCTGAGAGGAGAGAGTAACTCCAGTGGAGCTCCAGTGGTGGAGGAGGAGTGA 180
 Db 265 CTCTGCGCTCTGAGAGGAGAGAGTAACTCCAGTGGAGCTCCAGTGGTGGAGGAGGAGTGA 324
 Qy 181 GTCCAGGTTATGTGTGAAGAGAGGCTGTGAGAGGAGTGAAGAGGAGTGAAGAGGAGTGA 240
 Db 325 GTCCAGGTTATGTGTGAAGAGAGGCTGTGAGAGGAGTGAAGAGGAGTGAAGAGGAGTGA 384
 Qy 241 GCTCTTCAGGACCTTAATTTGCTCACTTCAATAGGCTTAAGCAAGTGTCTGCACTGCTCAAA 300
 Db 385 GCTCTTCAGGACCTTAATTTGCTCACTTCAATAGGCTTAAGCAAGTGTCTGCACTGCTCAAA 444
 Qy 301 TGTGTACCCAGGACCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 360
 Db 445 TGTGTACCCAGGACCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 504
 Qy 361 TGTGTGTTGACGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 420
 Db 505 TGTGTGTTGACGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 564
 Qy 421 GCGGCGCTTACGCACTTCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 480
 Db 565 GCGGCGCTTACGCACTTCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 624
 Qy 481 AGGACACCTGTGTGAGAACTGCCCCCGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 540
 Db 625 AGGACACCTGTGTGAGAACTGCCCCCGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 684
 Qy 541 AATGTACAGACAGACCAAGTGCAGTGTGTCGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 600
 Db 685 AATGTACAGACAGACCAAGTGCAGTGTGTCGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 744
 Qy 601 GCTCCCACTGAGTATGAGTGGTTCCTCTCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 660
 Db 745 GCTCCCACTGAGTATGAGTGGTTCCTCTCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 804
 Qy 661 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTGTAAGTGAAGTGA 720
 Db 805 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTGTAAGTGAAGTGA 864
 Qy 721 TCGTCCGCTCAGAGGGAAGAAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 780
 Db 865 TCGTCCGCTCAGAGGGAAGAAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 924
 Qy 781 TCGAGGCCCCCTCCGAGAGTCAAC 802
 Db 925 TCGAGGCCCCCTCCGAGAGTCAAC 946

RESULT 11
 PCT-US03-28227-437
 ; Sequence 437, Application PC/TUS0328227
 ; GENERAL INFORMATION:
 ; APPLICANT: INCYTE CORPORATION; SCHMIDT, Jeanette P.;
 ; APPLICANT: WRIGHT, Rachel J.; BRUNS, Christopher M.;
 ; APPLICANT: MARJANOVIC, Mirjana M.; SHEN, Fan;
 ; APPLICANT: HARTSHORNE, ToINETTE A.; SUCHOROLSKI, Martin;
 ; APPLICANT: ALTUS, Christina M.; PITTS, Steven J.;
 ; APPLICANT: ELDER, Linda V.; MOONEY, Elizabeth M.;
 ; APPLICANT: DELEGANE, Angelo M.; PANESAR, Iqbal S.;
 ; APPLICANT: BANVILLE, Steven C.; REDDY, Thirupathi P.;
 ; APPLICANT: STEVENS, Kristian A.; BLANCHARD, John L.;
 ; APPLICANT: PANZER, Scott R.; WANG, Xinhao;
 ; APPLICANT: AU, Alan P.; GERSTIN, Edward H., Jr.;
 ; APPLICANT: PERALTA, Careyna H.; ANDERSON, Scott E.;

```

APPLICANT: RIXOU, Pierre; SHEN, Edward J.;
APPLICANT: WU, Minghan C.; STUYE, Laura L.;
APPLICANT: LAGACE, Robert E.; SPIRO, Peter A.;
APPLICANT: STEWART, Elizabeth A.; WINGROVE, James A.;
APPLICANT: VITT, Ursula A.; KIRTON, Edward;
APPLICANT: XU, Yuming; KWONG, Mary;
APPLICANT: POLICKY, Jennifer L.; HURWITZ, Bonnie L.;
APPLICANT: MA, Yan; JACKSON, Jennifer L.;
APPLICANT: GIETZEN, Darryl J.; PATURY, Srikanth;
APPLICANT: SHI, Xiaobing; SUAREZ, Charyl J.
TITLE OF INVENTION: MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PN-0100 PCT
CURRENT APPLICATION NUMBER: PCT/US03/28227
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: US 60/410,260
PRIOR FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: US 60/410,259
PRIOR FILING DATE: 2002-09-12
NUMBER OF SEQ ID NOS: 5444
SOFTWARE: PERL Program
SEQ ID NO 437
LENGTH: 1765
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No: 928524.PT130
PCT-US03-28227-437

```

Query Match	Similarity	90.5%	Score	797.2	DB 1	Length	1765
Best Local	Similarity	99.6%	Pred. No.	3,8e-202			
Matches	799	Conservative	0	Mismatches	3	Indels	0
							Gaps
							0
QY	1	CCTGAGCATGAGAGCTCTCTGAGACCTGAGGAGCTCTCTCTGAGAGATCCACCCCCAGAA	60				
Dp	327	CCTGAGGCGATGAGAGGCTCTGAGAGACTGGGGGCTCTCTCTGAGAGATCCACCCCAAA	386				
QY	61	CCGACGCTTTGAGGCTGGTCTGTATCTCACTTCTCTGAGAGCCCTCTGTACGGCCAG	120				
Dp	387	CCGACGCTTTAGGCGTGGTGTCTGTATCTCACTTCTCTGAGAGCCCTCTGTACGGCCAG	446				
QY	121	CTTGACCGCTCTGCAAGAGAGACGAGTACCCAGTGGGCTCCGAGTGTGCCCCAGTGA	180				
Dp	447	CTTGACCGCTCTGCAAGAGAGACGAGTACCCAGTGGGCTCCGAGTGTGCCCCAGTGA	506				
QY	181	GTCCAGGTTATCTGTGTGAAGAGGCTTCGCGGGAGCTGACGGGACAGTGTGTGAACCT	240				
Dp	507	GTCCAGGTTATCTGTGTGAAGAGGCTTCGCGGGAGCTGACGGGACAGTGTGTGAACCT	566				
QY	241	GCCCTCCAGGAGACCTACATTTGCCACCTCAATGGCTCTAAGGCAAGTGTCTGCAAGTCCAA	300				
Dp	567	GCCCTCCAGGAGACCTACATTTGCCACCTCAATGGCTCTAAGGCAAGTGTCTGCAAGTCCAA	626				
QY	301	TGTGTGACCCAGCCATGGGCGCTTCGCGCGAGGCGGAGCTGTCCAGACAGAAACGCG	360				
Dp	627	TGTGTGACCCAGCCATGGGCGCTTCGCGCGAGGCGGAGCTGTCCAGACAGAAACGCG	686				
QY	361	TGTGTGTGTGACGCCCAAGCCACTTCTGTCTCATCTGTCCAGACGAGGAGCCACTGCGCGGCT	420				
Dp	687	TGTGTGTGTGACGCCCAAGCCACTTCTGTCTCATCTGTCCAGACGAGGAGCCACTGCGCGGCT	746				
QY	421	GCCGCGCTTACGCGCCACTTCACAGCCCGGGGACAGAGGGTCCAGAAAGGAGACCCAGAGTC	480				
Dp	747	GCCGCGCTTACGCGCCACTTCACAGCCCGGGGACAGAGGGTCCAGAAAGGAGACCCAGAGTC	806				
QY	481	AGGACACCCCTGTGTGAGAACTTGCCCCCGGGGACCTTCTCTTCCATGGGACCTTGAGG	540				
Dp	807	AGGACACCCCTGTGTGAGAACTTGCCCCCGGGGACCTTCTCTTCCATGGGACCTTGAGG	866				
QY	541	AATGTACACACCAAGCCAAAGTGCACACTGTGTGTACCAAGGCGCGAGAGTGTGGACACACA	600				
Dp	867	AATGTACACACCAAGCCAAAGTGCACACTGTGTGTACCAAGGCGCGAGAGTGTGGACACACA	926				

Qy	661	CAGTTGGCTTATCATATGTGTGAAAAAGAAAGCCCAAGGGGTGATGTAGTCAAGGTGA	720
Db	927	GCTCCCACTGGGTATGTGGTTTCTCTCAGGAGACCTGATGTCATTTGTTGCTCA	986
Qy	601	GCTCCCACTGGGTATGTGGTTTCTCTCAGGAGACCTGATGTCATTTGTTGCTCA	660
Db	927	GCTCCCACTGGGTATGTGGTTTCTCTCAGGAGACCTGATGTCATTTGTTGCTCA	986
Qy	661	CAGTTGGCTTATCATATGTGTGAAAAAGAAAGCCCAAGGGGTGATGTAGTCAAGGTGA	720
Db	987	CAGTTGGCTTATCATATGTGTGAAAAAGAAAGCCCAAGGGGTGATGTAGTCAAGGTGA	1046
Qy	721	TCTGTCCTCGTCCACCGGAAAAGACAGAGGACGAAAGGTGAGGCCACATCTATTGAGGCC	780
Db	1047	TCTGTCCTCGTCCACCGGAAAAGACAGAGGACGAAAGGTGAGGCCACATCTATTGAGGCC	1106
Qy	781	TGCAGGCCCTCCGGAAGTCAAC	802
Db	1107	TGCAGGCCCTCCGGAAGTCAAC	1128

```

RESULT 12.
PCT-US03-28227-436
Sequence 436: Application PC/TUS0328227
GENERAL INFORMATION:
APPLICANT: INCYTE CORPORATION; SCHMIDT, Jeanette P.;
APPLICANT: WRIGHT, Rachel J.; BRUNS, Christopher M.;
APPLICANT: MARJANOVIC, Mirjana M.; SHEN, Fan;
APPLICANT: HARTSHORNE, Toinette A.; SUCHOROLSKI, Martin;
APPLICANT: ALTUS, Christina M.; PITTS, Steven J.;
APPLICANT: ELDER, Linda V.; MOONEY, Elizabeth M.;
APPLICANT: DELEGEANE, Angelo M.; PANESAR, Iqbal S.;
APPLICANT: BANVILLE, Steven C.; REDDY, Thirupathi P.;
APPLICANT: STEVENS, Kristian A.; BLANCHARD, John L.;
APPLICANT: PANZER, Scott R.; WANG, Xinhao;
APPLICANT: AU, Alan P.; GERETTIN, Edward H., Jr.;
APPLICANT: PERALTA, Careyana H.; ANDERSON, Scott E.;
APPLICANT: RIOUX, Pierre; SHEN, Edward J.;
APPLICANT: WU, Mingham C.; STIVE, Laura L.;
APPLICANT: LAGACE, Robert E.; SPIRO, Peter A.;
APPLICANT: STEWART, Elizabeth A.; WINGROVE, James A.;
APPLICANT: VITT, Ursula A.; KIRTON, Edward;
APPLICANT: XU, Yuming; KWONG, Mary;
APPLICANT: POLICKY, Jennifer L.; HURWITZ, Bonnie L.;
APPLICANT: MA, Yan; JACKSON, Jennifer L.;
APPLICANT: GIERZEN, Darryl; PATURY, Srikanth;
APPLICANT: SHI, Xiaobing; SUAREZ, Charyln J.
TITLE OF INVENTION: MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PN-0100 PCT
CURRENT APPLICATION NUMBER: PCT/US03/28227
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: US 60/410,260
PRIOR FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: US 60/410,259
PRIOR FILING DATE: 2002-09-12
NUMBER OF SEQ ID NOS: 5444
SOFTWARE: PERL Program
SEQ ID NO 436
LENGTH: 1985
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: 928524.PT117
PCT-US03-28227-436

Query Match 90.5%; Score 797.2; DB 1; Length 1985;
Best Local Similarity 99.6%; Pred. No. 4e-202;
Matches 799; Conservative 0; Indels 0; Gaps 0

```

Query Match	Similarity	Score	DB 1	Length
Best Local	99.6%	797.2	DB 1	1985
Matches	99.6%	Pred. No. 4e-202;		
	Conservative	0;	Mismatches	3;
		Indels	0;	Gaps
				0

QY	1	CCTGAGGATGAGCGCTCTGAGAGCTCTGGGGGCGCTCCCTCGAGATCCACCCGAGA	60
Db	547	CCTGAGGATGAGCGCTCTGAGAGCTCTGGGGGCGCTCCCTCGAGATCCACCCGAGA	606
QY	61	CCGAGCTTTAGAGCTGAGCTGATATTCACCTTCCTGGAGCCCCCTGCTACGGCCGAG	120
Db	607	CCGAGCTTTAGAGCTGAGCTGATATTCACCTTCCTGGAGCCCCCTGCTACGGCCGAG	666

```

Qy 121 CTCGCGCGTCTGCAAGAGAGAGAGTACCAAGTGGCTCCAGTGGTCCCAAGTGA 180
Db 667 CTCGCGCGTCTGCAAGAGAGAGAGTACCAAGTGGCTCCAGTGGTCCCAAGTGA 726
Qy 181 GTCCAGGTTATGCTGTGAAGAGAGGCTCGGGGAGCTGACAGGACAGTGTGAACCT 240
Db 727 GTCCAGGTTATGCTGTGAAGAGAGGCTCGGGGAGCTGACAGGACAGTGTGAACCT 786
Qy 241 GCCCTCCAGGACCTTACATTTGCGCACTCAATGGGCTTAAGCAAGTGTGCAAGTCA 300
Db 787 GCCCTCCAGGACCTTACATTTGCGCACTCAATGGGCTTAAGCAAGTGTGCAAGTCA 846
Qy 301 TGTGTGACCCAGACCATGAGGCTCGCGGAGCGGAGGAGTGTCTCCAGAGAGAGAGCC 360
Db 847 TGTGTGACCCAGACCATGAGGCTCGCGGAGCGGAGGAGTGTCTCCAGAGAGAGAGCC 906
Qy 361 TGTGTGTTTGACAGCCAGGACCTTGTGATGTGTCCAGAGAGAGAGAGAGAGAGAG 420
Db 907 TGTGTGTTTGACAGCCAGGACCTTGTGATGTGTCCAGAGAGAGAGAGAGAGAGAG 966
Qy 421 GCCGCGCTTACAGCCACCTCAGCGCGGAGCGGAGGAGTGTGAGAGAGAGAGAGAG 480
Db 967 GCCGCGCTTACAGCCACCTCAGCGCGGAGCGGAGGAGTGTGAGAGAGAGAGAGAG 1026
Qy 481 AGGAGACCCCTGTGTGAGAGAGTGGGAGGAGTGTCTCTCCAGTGGAGAGAGAGAG 540
Db 1027 AGGAGACCCCTGTGTGAGAGAGTGGGAGGAGTGTCTCTCCAGTGGAGAGAGAGAG 1086
Qy 541 AATGTGACAGACCAAGCAAGTGAAGTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAG 600
Db 1087 AATGTGACAGACCAAGCAAGTGAAGTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAG 1146
Qy 601 GCTCCACCTGAGTGTGTGTCTCTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 660
Db 1147 GCTCCACCTGAGTGTGTGTCTCTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206
Qy 661 CAGTGGCTTATCATATGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720
Db 1207 CAGTGGCTTATCATATGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1266
Qy 721 TCGTCTCCGTCAGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780
Db 1267 TCGTCTCCGTCAGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1326
Qy 781 TGCAGGCGCTTCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 802
Db 1327 TGCAGGCGCTTCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1348

```

RESULT 13
PCT-US03-28227-435
Sequence 435, Application PC/TUS0328227

GENERAL INFORMATION:

```

; APPLICANT: INCYTE CORPORATION; SCHMIDT, Jeanette P.;
; APPLICANT: WRIGHT, Rachel J.; BRUNS, Christopher M.;
; APPLICANT: MARJANOVIC, Mirjana M.; SHEN, Fan;
; APPLICANT: HARTSHORNE, Toineeta A.; SUCHOROLSKI, Martin;
; APPLICANT: ALTUS, Christina M.; FITTS, Steven J.;
; APPLICANT: ELDER, Linda V.; MOONEY, Elizabeth M.;
; APPLICANT: DELEGNANE, Angelo M.; PANESAR, Iqbal S.;
; APPLICANT: BANVILLE, Steven C.; REDDY, Thirupathi P.;
; APPLICANT: STEVENS, Kristian A.; BLANCHARD, John L.;
; APPLICANT: PANZER, Scott R.; WANG, Xinhao;
; APPLICANT: AU, Alan P.; GERSTIN, Edward H., Jr.;
; APPLICANT: PERALTA, Careyna H.; ANDERSON, Scott E.;
; APPLICANT: RIOUX, Pierre; SHEN, Edward J.;
; APPLICANT: WU, Mingham C.; STUVE, Laura L.;
; APPLICANT: LAGACE, Robert E.; SPIRO, Peter A.;
; APPLICANT: STEWART, Elizabeth A.; WINGROVE, James A.;
; APPLICANT: VITT, Ursula A.; KIRTON, Edward;
; APPLICANT: XU, Yuming; KWONG, Mary;
; APPLICANT: POLICKY, Jennifer L.; HURWITZ, Bonnie L.;

```

```

; APPLICANT: MA, Yan; JACKSON, Jennifer L.;
; APPLICANT: GIETZEN, Daryl; PATURY, Srikanth;
; APPLICANT: SHI, Xiaobing; SUAREZ, Charlyn J.;
; TITLE OF INVENTION: MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: PN-0100 PCT
; CURRENT APPLICATION NUMBER: PCT/US03/28227
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: US 60/410,260
; PRIOR FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US 60/410,259
; PRIOR FILING DATE: 2002-09-12
; NUMBER OF SEQ ID NOS: 5444
; SOFTWARE: PERL Program
; SEQ ID NO 435
; LENGTH: 1994
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 928524.PT115
PCT-US03-28227-435

Query Match          90.5%; Score 797.2; DB 1; Length 1994;
Best Local Similarity 99.6%; Pred. No. 4e-202;
Matches 799; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CCTGAGGATGAGAGCTCTGAGAGAGTGGGGCTCTCCCTGAGATCCACCCCGAGA 60
Db 556 CCTGAGGATGAGAGCTCTCTGAGAGAGTGGGGCTCTCCCTGAGATCCACCCCGAAA 615
Qy 61 CCGAGCTCTTGAAGGTGTGTGTCTTCTACCTTCTGAGAGAGAGAGAGAGAGAGAGAG 120
Db 616 CCGAGCTCTTGAAGGTGTGTGTCTTCTACCTTCTGAGAGAGAGAGAGAGAGAGAGAG 675
Qy 121 CTCGCGCGTCTGCAAGAGAGAGAGTACCCAGTGGGCTCGAGTGTGCTCCCAAGTGA 180
Db 676 CTCGCGCGTCTGCAAGAGAGAGAGTACCCAGTGGGCTCGAGTGTGCTCCCAAGTGA 735
Qy 181 GTCCAGGTTATGCTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
Db 736 GTCCAGGTTATGCTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 795
Qy 241 GCCCTCCAGGACCTTACATTTGCGCACTCAATGGGCTTAAGCAAGTGTGTGAGAGAG 300
Db 796 GCCCTCCAGGACCTTACATTTGCGCACTCAATGGGCTTAAGCAAGTGTGTGAGAGAG 855
Qy 301 TGTGTGACCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
Db 856 TGTGTGACCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 915
Qy 361 TGTGTGTTTGAGAGCCAGGACCTTGTGATGTGTCCAGAGAGAGAGAGAGAGAGAGAG 420
Db 916 TGTGTGTTTGAGAGCCAGGACCTTGTGATGTGTCCAGAGAGAGAGAGAGAGAGAGAG 975
Qy 421 GCCGCGCTTACAGCCACCTCAGCGCGGAGCGGAGGAGTGTGAGAGAGAGAGAGAGAG 480
Db 976 GCCGCGCTTACAGCCACCTCAGCGCGGAGCGGAGGAGTGTGAGAGAGAGAGAGAGAG 1035
Qy 481 AGGAGACCCCTGTGTGAGAGAGTGGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 540
Db 1036 AGGAGACCCCTGTGTGAGAGAGTGGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1095
Qy 541 AATGTGACAGACCAAGCAAGTGAAGTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 600
Db 1096 AATGTGACAGACCAAGCAAGTGAAGTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1155
Qy 601 GCTCCACCTGAGTGTGTGTCTCTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 660
Db 1156 GCTCCACCTGAGTGTGTGTCTCTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1215
Qy 661 CAGTGGCTTATCATATGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720
Db 1216 CAGTGGCTTATCATATGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1275

```

